

The Canada Community-Building Fund

ANNUAL REPORT 2021

PART 2



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This report describes how Ontario’s communities invested and benefited from the Canada Community-Building Fund in 2020. The report is split into two parts. Part I summarizes investments, benefits, and AMO’s approach to the administration of the Fund. Part II provides detailed financial information, compliance statements, and descriptions of projects supported by the Fund.

Both parts of this report are available at www.buildingcommunities.ca.





September 20, 2022

Martin Montreuil
Director, Ontario,
Infrastructure Canada
1100 - 180 Kent Street
Ottawa ON K1P 0B6

Dear Mr. Montreuil:

In accordance with Schedule D of the *Administrative Agreement on the Federal Gas Tax Fund* and based on the independent audits described below, I attest that:

- The information submitted in the Financial Report Tables (attached as Appendix B to Part I of AMO's Annual Report on the Fund) is accurate; and
- All federal Gas Tax funds spent – including interest earned on federal Gas Tax funds and proceeds from the disposal of assets financed by the Fund – were expended for the purposes intended.

Independent audits supporting this attestation were completed by BDO Canada LLP and Baker Tilly KDN LLP. Reports summarizing their findings are included in Part II of AMO's Annual Report on the Fund.

- Section B reviews AMO's compliance with the terms and conditions specified in Annex B of the *Administrative Agreement*.
- Section C reviews municipalities' compliance with the terms and conditions of their *Municipal Funding Agreements* with AMO.

As per the attached reports, there are no material issues of non-compliance.

Please do not hesitate to contact Chris VanDooren, Program Manager at AMO, at cvandooren@amo.on.ca or 416-971-9856 ext. 410 if you require further information regarding AMO's Annual Report on the Fund.

Sincerely,

A handwritten signature in black ink, appearing to read 'Afshin Majidi', is written over a horizontal line.

Afshin Majidi
Director of Finance and Operations

Attachment

Independent Auditor's Report

To the Director, Finance and Operations, the Association of Municipalities of Ontario:

Opinion

We have audited the Annual Report - Canada Community-Building Fund of the Association of Municipalities of Ontario (AMO) for the year ended December 31, 2021 and a summary of significant accounting policies.

In our opinion, the accompanying Annual Report - Canada Community-Building Fund is prepared, in all material respects, in accordance with the reporting provisions of section 1.1 of Schedule D of Annex B of the Administrative Agreement on the Federal Gas Tax Fund between the Association of Municipalities of Ontario (AMO), the Government of Canada, the Government of Ontario and the City of Toronto (the Agreement).

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Annual Report - Canada Community-Building Fund* section of our report. We are independent of AMO in accordance with the ethical requirements that are relevant to our audit of the Annual Report - Canada Community-Building Fund in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Information

Management is responsible for the other information. The other information comprises:

- The information, other than the Annual Report - Canada Community-Building Fund and our auditor's report thereon, included in The Canada Community-Building Fund 2021 Annual Report, and
- The information included in the Schedule - Transfer to Ultimate Recipients and the Schedule - Cumulative Balance Adjustments by Ultimate Recipients.

In connection with our audit of the Annual Report - Canada Community-Building Fund, our responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

We obtained The Canada Community-Building Fund 2021 Annual Report, the Schedule - Transfer to Ultimate Recipients and the Schedule - Cumulative Balance Adjustments by Ultimate Recipients prior to the date of this auditor's report. If, based on the work we have performed on this other information, we conclude that there is a material misstatement of this other information, we are required to report that fact in this auditor's report. We have nothing to report in this regard.

Emphasis of Matter - Basis of Accounting

We draw attention to Note 2 to the Annual Report - Canada Community-Building Fund, which describes the basis of accounting. The Annual Report - Canada Community-Building Fund is prepared to assist AMO to meet the reporting requirements of the Government of Canada referred to above. As a result, the Annual Report - Canada Community-Building Fund may not be suitable for another purpose. Our opinion is not modified in respect of this matter.

Responsibilities of Management and Those Charged with Governance for the Annual Report - Canada Community-Building Fund

Management is responsible for the preparation of the Annual Report - Canada Community-Building Fund in accordance with the Agreement; this includes determining that the basis of accounting is an acceptable basis for the preparation of the Annual Report - Canada Community-Building Fund in the circumstances, and for such internal control as management determines is necessary to enable the preparation of the Annual Report - Canada Community-Building Fund that is free from material misstatement, whether due to fraud or error.

Those charged with governance are responsible for overseeing AMO's financial reporting process.

Auditor's Responsibilities for the Audit of the Annual Report - Canada Community-Building Fund

Our objectives are to obtain reasonable assurance about whether the Annual Report - Canada Community-Building Fund as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of the Annual Report - Canada Community-Building Fund.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the Annual Report - Canada Community-Building Fund, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of AMO's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates, if any, and related disclosures made by management.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

BDO Canada LLP

Chartered Professional Accountants, Licensed Public Accountants
Barrie, Ontario
September 16, 2022

Association of Municipalities of Ontario Annual Report - Canada Community-Building Fund

	For the year ended December 31, 2021	Cumulative January 1, 2014 to December 31, 2021
Balance of Canada Community-Building Fund held by AMO, beginning of the year	\$ 2,471,773	\$ -
Transferred from the original program	-	16,190,205
Amounts received from Canada	1,325,314,730	6,354,495,150
Transferred to ultimate recipients	(1,321,927,815)	(6,354,251,462)
Administration costs (Note 1)	(3,386,915)	(25,228,470)
Interest earned by AMO	308,549	2,780,322
Transfer from reserves	-	8,794,577
Balance of Canada Community-Building Fund held by AMO, end of the year	\$ 2,780,322	\$ 2,780,322

Association of Municipalities of Ontario Note to the Annual Report - Canada Community-Building Fund

For the year ended December 31, 2021

Note 1 - Background Information

On June 17, 2005, the Government of Canada ("Canada"), the Province of Ontario ("Ontario"), the Association of Municipalities of Ontario (AMO) and the City of Toronto ("Toronto") signed the Agreement for the Transfer of Federal Gas Tax Revenue under the New Deal for Cities and Communities (the "Original Agreement") setting out new revenue sharing arrangements for federal gas tax revenues for investment in environmentally sustainable municipal infrastructure. The Original Agreement resulted in \$1.453 billion flowing to all Ontario municipalities (excluding Toronto) for the period 2005 to 2009. On September 3, 2008, an amending agreement was signed for the administration of an additional \$2.361 billion flowing to all Ontario municipalities (excluding Toronto) for the period 2010 to 2014.

In March 2014, AMO, Canada, Ontario and Toronto signed a new Administrative Agreement (the "Agreement"). The Agreement is for 10 years of which \$8.053 billion will flow to municipalities (excluding Toronto).

With the Agreement, Canada has expanded the number of eligible project categories and reset the cumulative values of the existing eligible project categories to zero effective January 1, 2014 to highlight the program's new focus on the national objectives of productivity and economic growth, clean environment and strong cities and communities.

AMO administers the funding on behalf of Canada for all municipalities except for Toronto. AMO receives 0.5% of the amounts received from Canada to administer the funds.

In 2019, there was a one-time doubling of the funds by the Government of Canada. Also, in 2019 AMO distributed \$12,044,284 in surplus administration fees. This amount was made up of the \$3,249,705 administration fee AMO did not take from the doubling of the funds in 2019, and \$8,794,579 from reserves. Additionally, the AMO Board established a \$3.5 million reserve fund, per the Business Plan that was approved by Canada in early 2019.

AMO received \$533 less from Canada in 2019 due to a calculation error. The \$533 amount was added to the amount received in 2020.

In 2021 there was another one-time doubling of the fund. As with the prior top-ups or doubling, AMO did not take an administration fee. Also, in 2021 fire halls were added as a new eligible category, and the program name was changed from Federal Gas Tax to the Canada Community-Building Fund to better reflect the program's evolution over time.

Association of Municipalities of Ontario Note to the Annual Report - Canada Community-Building Fund

For the year ended December 31, 2021

Note 2 - Summary of Significant Accounting Policies

Basis of Accounting

The Annual Report - Canada Community-Building Fund has been prepared in accordance with the reporting provisions of section 1.1 of Schedule D of Annex B of the Administrative Agreement on the Federal Gas Tax Fund between the Association of Municipalities of Ontario (AMO), the Government of Canada, the Government of Ontario and the City of Toronto (the Agreement) using the recognition and measurement principles of Canadian accounting standards for not-for-profit organizations, which is one of the financial reporting frameworks in Canadian generally accepted accounting principles.

However, due to the nature of the Agreement, funding revenue is recorded as received.

The Annual Report - Canada Community-Building Fund includes the accounts of AMO related to the Agreement only and, therefore, does not include all of the revenues and expenditures of AMO.

**Association of Municipalities of Ontario
Annual Report - Canada Community-Building Fund
Schedule - Transfer to Ultimate Recipients
(Unaudited)**

For the year ended December 31, 2021

The following represents the information in aggregate reported by the ultimate recipients to AMO, as of August 19, 2021, regarding the allocation of funds:

	For the year ended December 31, 2021	Cumulative January 1, 2014 to December 31, 2021
Balance of Canada Community-Building Fund held by ultimate recipients, beginning of the year	\$ 1,249,166,874	\$ -
Revenues		
Transfers from AMO		
Received in the year specified	1,321,927,815	6,354,251,462
Received under new program but related to original program	-	(498,162)
Transfers from the original program	-	691,217,249
Proceeds from disposal of assets	-	331,488
Interest earned by ultimate recipients	24,599,187	143,709,694
	<u>1,346,527,002</u>	<u>7,189,011,731</u>
Expenditures		
Spent on eligible projects	<u>(730,299,101)</u>	<u>(5,323,616,956)</u>
Balance of Canada Community-Building Fund held by ultimate recipients, end of the year	<u>\$ 1,865,394,775</u>	<u>\$ 1,865,394,775</u>

**Association of Municipalities of Ontario
Annual Report - Canada Community-Building Fund
Schedule - Cumulative Balance Adjustments by Ultimate Recipients
(Unaudited)**

For the year ended December 31, 2021

During the current year, adjustments were made by a number of ultimate recipients in the amounts reported to AMO for the 2020 year. The adjustments have resulted in the following revisions to the cumulative amounts reported in 2021:

	Originally Reported	Adjustment	Revised Amount
For the year ended December 31, 2020			
Balance of Canada Community-Building Fund held by ultimate recipients, beginning of the year	\$ 1,375,147,654	\$ 37,224	\$ 1,375,184,878
Revenues			
Transfers from AMO			
Received in the year specified	644,691,987	-	644,691,987
Received under new program but related to original program	-	-	-
Transfers from the original program	-	-	-
Proceeds from disposal of assets	65,000	-	65,000
Interest earned by ultimate recipients	24,905,441	(79,992)	24,825,449
	669,662,428	(79,992)	669,582,436
Expenditures			
Spent on eligible projects	(795,697,579)	97,139	(795,600,440)
Balance of Canada Community-Building Fund held by ultimate recipients, end of the year	\$ 1,249,112,503	\$ 54,371	\$ 1,249,166,874
Cumulative January 1, 2014 to December 31, 2020			
Balance of Canada Community-Building Fund held by ultimate recipients, beginning of the year	\$ -	\$ -	\$ -
Revenues			
Transfers from AMO			
Received in the year specified	5,032,323,647	-	5,032,323,647
Received under new program but related to original program	(498,162)	-	(498,162)
Transfers from the original program	691,217,249	-	691,217,249
Proceeds from disposal of assets	331,488	-	331,488
Interest earned by ultimate recipients	119,234,591	(124,086)	119,110,505
	5,842,608,813	(124,086)	5,842,484,727
Expenditures			
Spent on eligible projects	(4,593,496,310)	178,457	(4,593,317,853)
Balance of Canada Community-Building Fund held by ultimate recipients, end of the year	\$ 1,249,112,503	\$ 54,371	\$ 1,249,166,874



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BDO Canada LLP
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Suite 300
Barrie, ON L4N 0B4
Canada

September 19, 2022

Chris VanDooren
Senior Program Manager
Association of Municipalities of Ontario
200 University Avenue, Suite 800
Toronto, Ontario M5H 3C6

Dear Mr. VanDooren

During the course of our engagement to perform the agreed-upon procedures as noted in Appendix D, for the year ended December 31, 2021 with respect to the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds (as of June, 2021, referred to as the Canada Community-Building Fund) between the Association of Municipalities of Ontario (AMO) and the selected Municipalities dated April 1, 2014 (the Agreement), we identified matters which may be of interest to management. These procedures do not constitute an audit of the Municipalities' compliance with the Agreement and they are not designed to identify matters that may be of interest to management in discharging its responsibilities. Accordingly, these procedures would not usually identify all such matters.

Samples

We selected a sample of 46 municipalities, listed in Appendix A-1, based on the selection criteria provided by AMO (Appendix A-2). As BDO Canada LLP is the auditor for 8 of the selected municipalities, AMO engaged a different firm to perform the agreed-upon procedures as noted in Appendix D for these municipalities.

One of the municipalities selected was the Township of The North Shore, which was selected for the year ended December 31, 2020 as well. As the municipality was unable to provide the required information in the prior year, it was agreed that the agreed-upon procedures would be performed this year for the year ended December 31, 2021.

The appropriateness of the selection methodology and the adequacy of the sample size is the responsibility of AMO.

Procedures Performed

As specifically agreed with AMO, we performed the agreed-upon procedures described in Appendix D.

Findings

We issued reports summarizing our findings for each of the 38 specified municipalities. Reports were sent to AMO independently of this document. In Appendix B, we have summarized the exceptions identified in our findings. In Appendix C, we have identified the municipalities where exceptions were noted.

Recommendations

Based on the results of the procedures performed, we are making various recommendations as described in Appendix E.

This communication is prepared solely for the information of management and is not intended for any other purposes. We accept no responsibility to a third party who uses this communication.



We shall be pleased to discuss with you further any matters mentioned in this report at your convenience.

Yours truly,

Giselle Bodkin

Giselle Bodkin, CPA, CA
Partner through a corporation
BDO Canada LLP
Chartered Accountants, Licensed Public Accountants



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 272 Charlotte Street
 Peterborough, ON
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September 8, 2022

Chris VanDooren
 Senior Program Manager
 Association of Municipalities of
 Ontario 200 University Ave. Suite 801
 Toronto, ON
 M5H 3C6

Dear Mr. VanDooren:

We are pleased to report that we have now completed the specified procedures for the year ended December 31, 2021 that the Association of Municipalities of Ontario (“AMO”) requested us to perform with respect to the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds between the specific municipalities and the Association of Municipalities of Ontario (“Funding Agreement”) as of April 1, 2014. AMO requested us to perform these procedures in order to comply with the terms and conditions of the Administrative Agreement on the Federal Gas Tax Fund dated March 4, 2014 between AMO, the City of Toronto, the Province of Ontario, and the Government of Canada (“Administrative Agreement”).

The summary of work done is as follows:

Sample size

A sample of 46 municipalities, listed in Appendix A-1, based on the selection criteria provided by AMO (Appendix A-2). As BDO Canada LLP is the auditor for 8 of the selected municipalities, it was agreed with AMO that the compliance work for these municipalities would be performed by Baker Tilly KDN LLP. For these 8 selected municipalities, we have performed procedures to review compliance for the 2021 calendar year.

The appropriateness of the selection methodology and the adequacy the sample size is the responsibility of AMO.

Procedures performed

We performed the procedures described in Appendix D. These procedures were determined by AMO.

Findings

We have issued our reports for each of the 8 selected municipalities. These reports have been sent independently of this document. There were no exceptions noted.

ASSURANCE • TAX • ADVISORY

Baker Tilly KDN LLP is a member of Baker Tilly Canada Cooperative, which is a member of the global network of Baker Tilly International Limited. All members of Baker Tilly Canada Cooperative and Baker Tilly International Limited are separate and independent legal entities.

Conclusion

We would like to express our appreciation for the cooperation and assistance received from you and your team during the course of our work.

If you have any particular comments or concerns, please do not hesitate to contact me.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Joanna Park", with a long, sweeping underline.

Joanna Park, CPA, CA
Partner

Central Ontario and the Greater Toronto Area

Barrie, City of	
Clarington, Municipality of	*
Essa, Township of	
King, Township of	*
Lincoln, Town of	
Niagara Falls, City of	
Niagara-on-the-Lake, Town of	
Shelburne, Town of	*
Whitchurch-Stouffville, Town of	*

Eastern Ontario

Addington Highlands, Township of	
Augusta, Township of	
Central Frontenac, Township of	
East Hawkesbury, Township of	
Greater Madawaska, Township of	
Killaloe, Hagarty & Richards, Township of	
Loyalist Township	
North Dundas, Township of	*
Peterborough, County of	
South Dundas, Municipality of	
Trent Lakes, Municipality of	

North Eastern Ontario

Blind River, Town of	
Casey, Township of	
Coleman, Township of	
Harris, Township of	
Iroquois Falls, Town of	
Kerns, Township of	
Magnetawan, Municipality of	
Nairn & Hyman, Township of	
Powassan, Municipality of	
Spanish, Town of	
Temagami, Municipality of	
The North Shore, Township of	

North Western Ontario

Fort Frances, Town of	
Nipigon, Township of	
Thunder Bay, City of	*

South Western Ontario

Bayham, Municipality of	
Central Huron, Municipality of	
Erin, Town of	*
Guelph/Eramosa, Township of	
Kincardine, Municipality of	
Middlesex Centre, Municipality of	
North Middlesex, Municipality of	
Puslinch, Township of	
Southgate, Township of	*
Thames Centre, Municipality of	
West Elgin, Municipality of	

Summary by Geographic Region	Count
Central	9
Eastern	11
North Eastern	12
North Western	3
South Western	11
Total	46

Summary by Audit Firm	Count
BDO Canada LLP	38
Baker Tilly KDN LLP	8
Total	46

* denotes municipalities audited by Baker Tilly KDN LLP

Background

AMO audits a sample of municipalities each year to monitor compliance with the [Municipal Funding Agreement](#) (MFA). The sample is selected in accordance with the sampling method below.

Sample Size

Auditors must select 45 municipalities for inclusion in the sample. AMO may, at its discretion, expand the sample by adding municipalities that were found to have material exceptions in previous years' audits.

Selection Criteria

Selected municipalities must be drawn at random. All municipalities receiving the Canada Community-Building Fund through AMO are eligible for selection – except for those that were audited in or after 2014.

Geographic Distribution

The geographic distribution of municipalities in the sample should roughly reflect the geographic distribution of municipalities in Ontario. See the table below for guidance.

Region	Number of Municipalities	Percent of Municipalities	Approximate Number in Sample
Central	54	12.22%	5
Eastern	109	24.66%	11
Greater Toronto Area	28	6.33%	3
North Eastern	109	24.66%	11
North Western	34	7.69%	3
South Western	108	24.43%	11
Ontario	442	100.00%	44

Sampling Method

Auditors should use stratified random sampling to ensure that regions of Ontario are appropriately represented in the sample. AMO will provide auditors with all information required to generate a stratified random sample.

Section	Anticipated Municipal Action Required under the Agreement	Exceptions
3.2	Be aware of the base amount.	None
3.3	Award contracts in accordance with the municipal procurement policy.	1
4.2	Complete Eligible Projects in accordance with Schedules B and C of the Agreement.	None
5.1	Apply funds to eligible expenditures as outlined in Schedule C of the Agreement.	None
5.4	Make records readily available.	None
5.5	Retain records in accordance with the municipal records retention policy.	1
6.2	Pass a by-law authorizing the transfer of funds, provide a copy of the by-law to AMO, and accurately report the transfer in the annual report (if applicable).	None
6.3	Pass a by-law authorizing the transfer of funds, provide a copy of the by-law to AMO, and accurately report the transfer in the annual report (if applicable).	None
6.6	Hold funds in a segregated bank account, eligible investment, or other interest-bearing account.	None
	If funds are held in an investment – have an investment policy and invest funds in accordance with that policy.	None
	If funds are held in an interest-bearing account that is not segregated – account for interest earnings appropriately.	None
6.9	Do not apply funds to rebated HST.	None
6.12	Do not exceed the federal contribution limit – if one exists – when applying funds to Eligible Projects.	None
7.1	Ensure that information reported to AMO matches that in the general ledger.	2
9.1	Follow generally accepted accounting principles when preparing the annual report and the financial statements.	None
9.2	Retain records in accordance with the municipal records retention policy.	1
10.1	Retain general liability insurance coverage for Eligible Projects and list AMO and Canada as additional insureds.	None
10.2	Provide a Certificate of Insurance to AMO.	None
11.1	Re-invest into Eligible Projects any revenue generated from the disposal of an asset if that asset is the result of an Eligible Project and if the disposal occurred within five years of the date of completion of the Eligible Project.	1
11.2	Notify AMO in writing 120 days in advance and at any time during the five years following the date of completion of an Eligible Project if it is disposed of.	None
11.3	Ensure that all other infrastructure resulting from Eligible Projects remains primarily for public use or benefit.	1

		Agreement Section #					
	Municipality	3.3	5.5	7.1	9.2	11.1	11.3
1	Addington Highlands, Township of						
2	Augusta, Township of						
3	Barrie, City of			A			
4	Bayham, Municipality of						
5	Blind River, Town of						
6	Casey, Township of						
7	Central Frontenac, Township of						
8	Central Huron, Municipality of						
9	Clarington, Municipality of *						
10	Coleman, Township of						
11	East Hawkesbury, Township of						
12	Erin, Town of *						
13	Essa, Township of			A			
14	Fort Frances, Town of						
15	Greater Madawaska, Township of						
16	Guelph/Eramosa, Township of						
17	Harris, Township of	B	C		C		
18	Iroquois Falls, Town of						
19	Kerns, Township of						
20	Killaloe, Hagarty & Richards, Township of						
21	Kincardine, Municipality of						
22	King, Township of *						
23	Lincoln, Town of						
24	Loyalist Township						
25	Magnetawan, Municipality of						
26	Middlesex Centre, Municipality of						
27	Nairn & Hyman, Township of						
28	Niagara Falls, City of						
29	Niagara-on-the-Lake, Town of						
30	Nipigon, Township of						
31	North Dundas, Township of *						
32	North Middlesex, Municipality of						
33	Peterborough, County of						
34	Powassan, Municipality of						
35	Puslinch, Township of						
36	Shelburne, Town of *						
37	South Dundas, Municipality of						
38	Southgate, Township of *						
39	Spanish, Town of						
40	Temagami, Municipality of						
41	Thames Centre, Municipality of						
42	The North Shore, Township of					D	D
43	Thunder Bay, City of *						
44	Trent Lakes, Municipality of						
45	West Elgin, Municipality of						
46	Whitchurch-Stouffville, Town of *						

* Municipalities audited by Baker Tilly KDN LLP. All other municipalities were audited by BDO Canada LLP.

- A Balances as per the general ledger differ from those in the annual report.
- B The Recipient does not have a procurement policy or by-law.
- C The Recipient does not have a records retention by-law.
- D The Recipient did not maintain an asset inventory or list of assets financed by the Canada Community-Building Fund prior to January 1, 2021. A list of assets financed by the Canada Community-Building Fund since January 1, 2021 was provided.

Per Funding Agreement	Specified Audit Procedure
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3.1 Communications

The Recipient will comply with requirements outlined in Schedule E:

- a) Providing upfront project information on an annual basis for communications purposes;
- b) Including Canada in local project communications;
- c) Installing federal project signs.

None.

In a letter sent to AMO on January 29, 2014, Infrastructure Canada advised that monitoring and implementation of the communications protocol does not need to be subject to a compliance audit.

3.2 Incrementality

Any Funds that the Recipient may receive from Canada are not intended to replace or displace existing sources of funding for the Recipient's tangible capital assets. The Recipient will ensure that its total annual expenditures on tangible capital assets over the life of the Agreement, on average, will not be less than the Base Amount.

Ask the Recipient's staff (i.e., the person responsible for submitting the Recipient's annual report) if the Recipient is aware of the base amount.

While municipalities strive to invest federal Gas Tax funds incrementally, there are several reasonable explanations for non-compliance. Population decline, for example, might reduce the demand for – or ability to pay for – infrastructure. AMO therefore reports compliance at the aggregate municipal level. AMO additionally investigates municipalities that have consistently struggled to invest incrementally since 2014 – and that are therefore at risk of non-compliance – to better understand barriers to investment.

3.3 Contracts

The Recipient will award and manage all Contracts in accordance with its relevant policies and procedures and, if applicable, in accordance with the Agreement on Internal Trade and applicable international trade agreements, and all other applicable laws.

- a) The Recipient will ensure any of its Contracts for the supply of services or materials to implement its responsibilities under this Agreement will be awarded in a way that is transparent, competitive, consistent with value for money principles and pursuant to its adopted procurement policy.

Review the Recipient's Procurement Policy/By-law.

Verify that the summary of tender results submitted to Council is in accordance with the Procurement Policy/By-law for all contracts pertaining to the federal Gas Tax Fund that were awarded during the year.

Per Funding Agreement	Specified Audit Procedure
4.1 Eligible Project Categories	
Eligible Projects include investments in Infrastructure for its construction, renewal or material enhancement in the eligible categories specifically described in Schedule B & C.	None. No action is required by the Recipient.
4.2 Recipient Fully Responsible	
The Recipient is fully responsible for the completion of each Eligible Project in accordance with Schedule B and Schedule C.	Ensure that the description and nature of each project that received federal Gas Tax funding during the year is consistent with Schedules B and C of the <i>Municipal Funding Agreement</i> .
5.1 Eligible Expenditures	
Schedule C sets out specific requirements for Eligible and Ineligible Expenditures.	Review all invoices, progress billing certificates, and documents listed in the costing sheet provided by the Recipient that pertain to projects financed by the federal Gas Tax Fund year. For all amounts in excess of 1% of the amount received during the year, verify (by agreeing the details to invoices, progress billings and certificates of completion) that all significant expenditures are in accordance with Schedule C of the <i>Municipal Funding Agreement</i> .
5.2 Discretion of Canada	
Subject to Section 5.1, the eligibility of any items not listed in Schedule B and/or Schedule C to this Agreement is solely at the discretion of Canada.	None. No action is required by the Recipient.
5.3 Unspent Funds	
Any Unspent Funds, and any interest earned thereon, will be subject to the terms and conditions of this Agreement, and will no longer be governed by the terms and conditions of the First Agreement.	None. No action is required by the Recipient.

Per Funding Agreement	Specified Audit Procedure
5.4 Reasonable Access	
<p>The Recipient shall allow AMO and Canada reasonable and timely access to all documentation, records and accounts and those of their respective agents or Third Parties related to the receipt, deposit and use of Funds and Unspent Funds, and any interest earned thereon, and all other relevant information and documentation requested by AMO or Canada their respective designated representatives for the purposes of audit, evaluation, and ensuring compliance with this Agreement.</p>	<p>Confirm that the Recipient provided reasonable access to all materials required for the compliance audit. Note any instances in which reasonable access was not provided.</p>
5.5 Retention of Receipts	
<p>The Recipient will keep proper and accurate accounts and records of all Eligible Projects including invoices and receipts for Eligible Expenditures in accordance with the Recipient's municipal records retention by-law and, upon reasonable notice, make them available to AMO and Canada.</p>	<p>Review the Recipient's current records retention by-law. Confirm with the Recipient's staff that documents and records pertaining to projects financed by the Fund are being retained in accordance with the by-law.</p>
6.1 Allocation of Funds	
<p>AMO will allocate and transfer Funds that Canada may make available for Ontario Municipalities to Recipients on a per capita basis with allocations made on a 50:50 basis to upper-tier and lower-tier Municipalities, where they exist.</p>	<p>None. No action is required by the Recipient.</p>

Per Funding Agreement

Specified Audit Procedure

6.2 Transfer of Funds to a Municipality

Where a Recipient decides to allocate and transfer Funds to another Municipality (the "Transferee Municipality"):

- a) The allocation and transfer shall be authorized by By-law. The Transfer By-law shall be passed by the Recipient's council and submitted to AMO as soon thereafter as practicable. The Transfer By-law shall identify the Transferee Municipality and the amount of Funds the Transferee Municipality is to receive for the Municipal Fiscal Year specified in the Transfer By-law.
- b) The Recipient is still required to submit an Annual Report in accordance with Sections 7.1 (a), (c) and (f) hereof with respect to the Funds transferred.
- c) No transfer of Funds pursuant to this Section 6.2 shall be effected unless and until the Transferee Municipality has either (i) entered into an agreement with AMO on substantially the same terms as this Agreement, or (ii) executed and delivered to AMO a written undertaking to assume all of the Recipient's obligations under this Agreement with respect to the Funds transferred; in a form satisfactory to AMO.

Ask the Recipient's staff if federal Gas Tax funds were transferred to other municipalities during the year. If so, verify that:

- The Recipient passed a by-law that authorizes the transfer, identifies the Transferee(s), and states the amount of federal Gas Tax funds to be transferred;
- A copy of the by-law was submitted to AMO (by reviewing correspondence with AMO);
- The transfer date is after the date that the Transferee(s) entered into a Municipal Funding Agreement with AMO (or an agreement on substantially the same terms), or executed and delivered to AMO a written undertaking to assume all of the Recipient's obligations under the *Municipal Funding Agreement* with respect to the federal Gas Tax funds transferred in a form satisfactory to AMO; and
- The amount of federal Gas Tax funds transferred is correctly stated in the annual report.

Per Funding Agreement	Specified Audit Procedure
6.3 Transfer of Funds to a Non-Municipal Entity	
<p>Where a Recipient decides to support an Eligible Project undertaken by an Eligible Recipient that is not a Municipality:</p> <ol style="list-style-type: none"> a) The provision of such support shall be authorized by a by-law (a "Non-municipal Transfer By-law"). The Non-municipal Transfer By-law shall be passed by the Recipient's council and submitted to AMO as soon as practicable thereafter. The Non-municipal Transfer By-law shall identify the Eligible Recipient, and the amount of Funds the Eligible Recipient is to receive for that Eligible Project. b) The Recipient shall continue to be bound by all of the provisions of this Agreement notwithstanding any such transfer. c) No transfer of Funds pursuant to this Section 6.3 shall be effected unless and until the non-municipal entity receiving the Funds has executed and delivered to AMO a written undertaking to assume all of the Recipient's obligations under this Agreement with respect to the Funds transferred, in a form satisfactory to AMO. 	<p>Ask the Recipient's staff if federal Gas Tax funds were transferred during the year to support Eligible Projects undertaken by non-municipal entities. If so, verify that:</p> <ul style="list-style-type: none"> • The Recipient passed a by-law that authorizes the transfer, identifies the Transferee(s), and states the amount of federal Gas Tax funds to be transferred; • A copy of the by-law was submitted to AMO (by reviewing correspondence with AMO); • The transfer date is after the date that AMO notified the Recipient that it had received a written undertaking in a suitable form from the non-municipal entity to assume all of the Recipient's obligations under the <i>Municipal Funding Agreement</i> with respect to the federal Gas Tax funds transferred (by reviewing correspondence with AMO); and • The amount of federal Gas Tax funds transferred is correctly stated in the annual report.
6.4 Use of Funds	
<p>The Recipient acknowledges and agrees the Funds are intended for and shall be used only for Eligible Expenditures in respect of Eligible Projects.</p>	<p>None. The Recipient acknowledged and agreed to this condition by signing the Municipal Funding Agreement.</p>
6.5 Schedule of payout of Funds	
<p>The Recipient agrees that all Funds are to be transferred by AMO to the Recipient as set out in Schedule A. Subject to Section 6.14, AMO will transfer Funds twice yearly, on or before the dates agreed upon by Canada and AMO, and on the basis set out in Schedule A.</p>	<p>None. No action is required by the Recipient.</p>

Per Funding Agreement	Specified Audit Procedure
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6.6 Use of Funds

The Recipient will deposit the Funds in a dedicated reserve fund or other separate distinct interest bearing account or invest the Funds through the One Investment Program or any other eligible investment permitted by the Ontario Municipal Act, 2001 and shall retain the Funds in such reserve fund, account or investment until the Funds are expended or transferred in accordance with this Agreement. The Recipient shall ensure that:

- a) Any investment of unexpended Funds will be in accordance with Ontario law and the Recipient's investment policy; and
- b) Any interest earned on Funds will only be applied to Eligible Expenditures for Eligible Projects, more specifically on the basis set out in Schedule B & C.

Confirm that funds are held in:

- A segregated bank account (i.e., an interest-bearing bank account used solely for the CCBF);
- An eligible investment (i.e., an investment eligible under the *Municipal Act, 2001*); or
- Any other interest-bearing account – subject to the restrictions below.

If funds are held in an investment, confirm that the Recipient has an investment policy, and that the investment is in accordance with that policy.

If funds are held in an interest-bearing account that is not segregated (i.e., if funds are pooled with other sources of funding in an interest-bearing account), confirm that the municipality is accounting for interest appropriately.

6.7 Funds Advanced

Funds transferred by AMO to the Recipient shall be expended by the Recipient in respect of Eligible Expenditures within five (5) years after the end of the year in which Funds were received. Unexpended Funds shall not be retained beyond such five (5) year period. AMO reserves the right to declare that Unexpended Funds after five (5) years become a debt to Canada which the Recipient will reimburse forthwith on demand to AMO for transmission to Canada.

None. AMO monitors compliance annually.

6.8 Expenditure of Funds

The Recipient shall expend all Funds by December 31, 2028.

None. Compliance with this clause cannot be assessed until 2023.

Per Funding Agreement	Specified Audit Procedure
6.9 GST & HST	
The use of Funds is based on the net amount of goods and services tax or harmonized sales tax to be paid by the Recipient net of any applicable tax rebates.	For the items identified in Section 5.1 above, review the invoices pertaining to the projects financed by the federal Gas Tax Fund and verify that the expenditures applied against federal Gas Tax funds during the year included HST less any applicable tax rebates.
6.10 Limit on Canada's Financial Commitments	
The Recipient may use Funds to pay up to one hundred percent (100%) of Eligible Expenditures of an Eligible Project.	None. No audit verification work is required.
6.11 Federal Funds	
The Recipient agrees that any Funds received will be treated as federal funds for the purpose of other federal infrastructure programs.	None. No audit verification work is required.
6.12 Stacking	
If the Recipient is receiving federal funds under other federal infrastructure programs in respect of an Eligible Project to which the Recipient wishes to apply Funds, the maximum federal contribution limitation set out in any other federal infrastructure program agreement made in respect of that Eligible Project shall continue to apply.	Ask if any projects financed by the Fund during the year were also financed by other federal grant programs. If so, review the funding limitations set out in that funding agreement and verify that the limitations have been followed.
6.13 Withholding Payment	
AMO may withhold payment of Funds where the Recipient is in default of compliance with any provisions of this Agreement.	None. No action is required by the Recipient.
6.14 Insufficient funds provided by Canada	
Notwithstanding Section 2.4, if Canada does not provide sufficient funds to continue the Funds for any Municipal Fiscal Year during which this Agreement is in effect, AMO may terminate this Agreement.	None. No action is required by the Recipient.

Per Funding Agreement	Specified Audit Procedure
7.1 Annual Report	
<p>The Recipient shall report in the form in Schedule D due by March 31st following each Municipal Fiscal Year on:</p> <ul style="list-style-type: none"> a) The amounts received from AMO under this Agreement in respect of the previous Municipal Fiscal Year; b) The amounts received from another Municipality; c) The amounts transferred to another Municipality; d) Amounts paid by the Recipient in aggregate for Eligible Projects; e) Amounts held at year end by the Recipient in aggregate, including interest, to pay for Eligible Projects; f) Indicate in a narrative the progress that the Recipient has made in meeting its commitments and contributions; and, g) A listing of all Eligible Projects that have been funded, indicating the location, investment category, project description, amount of Funds and total project cost. 	<p>Confirm that information in the Annual Report agrees with information in the GL.</p>
7.2 Outcomes Report	
<p>The Recipient shall account in writing for outcomes achieved. Specifically, an Outcomes Report shall describe, in a manner to be provided by AMO, the degree to which investments in each project are supporting progress towards achieving: beneficial impacts on communities of completed projects; and enhanced impact of Funds as a predictable source of funding.</p>	<p>None.</p> <p>Municipalities report outcomes for each project that completes construction during the year. Submission of these reports to AMO is required to submit the annual report.</p>
8.1 Asset Management Plan	
<p>The Recipient will develop and implement an Asset Management Plan prior to December 31, 2016.</p>	<p>None.</p> <p>All municipalities have submitted copies of their asset management plans to AMO.</p>

Per Funding Agreement	Specified Audit Procedure
8.2 Outcomes	
<p>On a date and in a manner to be determined by AMO, the Recipient will provide a report to AMO demonstrating that Asset Management Plans are being used to guide infrastructure planning and investment decisions and how Funds are being used to address priority projects.</p>	<p>None.</p> <p>AMO asks municipalities about their efforts to improve asset management practices in an annual questionnaire. Completion of this questionnaire is required to submit the annual report.</p>
9.1 Accounting Principles	
<p>All accounting terms not otherwise defined herein have the meanings assigned to them; all calculations will be made and all financial data to be submitted will be prepared in accordance with generally accepted accounting principles (GAAP) in effect in Ontario. GAAP will include, without limitation, those principles approved or recommended for local governments from time to time by the Public Sector Accounting Board or the Canadian Institute of Chartered Accountants or any successor institute, applied on a consistent basis.</p>	<p>Verify, by reviewing the most recent annual audited financial statements, that they have been prepared in accordance with Public Sector Accounting standards.</p> <p>Scan the auditors' report for any qualifications for non-compliance with Public Sector Accounting standards.</p>
9.2 Separate Records	
<p>The Recipient shall maintain separate records and documentation for the Funds and keep all records including invoices, statements, receipts and vouchers in respect of Funds expended on Eligible Projects in accordance with the Recipient's municipal records retention by-law. Upon reasonable notice, the Recipient shall submit all records and documentation relating to the Funds for inspection or audit.</p>	<p>Obtain a copy of the Recipient's By-law for municipal records retention and verify compliance with the By-law by examining the general ledger and documentation for the federal Gas Tax funds maintained and retained.</p>
9.3 External Auditor	
<p>AMO and/or Canada may request, upon written notification, an audit of Eligible Project or an Annual Report. AMO shall retain an external auditor to carry out an audit of the material referred to in Sections 5.4 and 5.5 of this Agreement. AMO shall ensure that any auditor who conducts an audit pursuant to this Section of this Agreement or otherwise, provides a copy of the audit report to the Recipient.</p>	<p>None. No action is required by the Recipient.</p>

Per Funding Agreement	Specified Audit Procedure
<p>10.1 Insurance</p>	
<p>The Recipient shall put in effect and maintain in full force and effect or cause to be put into effect and maintained for the term of this Agreement all the necessary insurance with respect to each Eligible Project, including any Eligible Projects with respect to which the Recipient has transferred Funds pursuant to Section 6 of this Agreement, that would be considered appropriate for a prudent Municipality undertaking Eligible Projects, including, where appropriate and without limitation, property, construction and liability insurance, which insurance coverage shall identify Canada and AMO as additional insureds for the purposes of the Eligible Projects.</p>	<p>Verify, by reviewing the Insurance Certificates, that the Insurance Certificates for the fiscal year:</p> <ul style="list-style-type: none"> a) Confirm general liability insurance coverage for the Municipal Funding Agreement; and b) List AMO and Canada as additional insured.
<p>10.2 Certificates of Insurance</p>	
<p>Throughout the term of this Agreement, the Recipient shall provide AMO with a valid certificate of insurance that confirms compliance with the requirements of Section 10.1. No Funds shall be expended or transferred pursuant to this Agreement until such certificate has been delivered.</p>	<p>Verify, by reviewing AMO's records, that the insurance certificate has been submitted to AMO.</p>
<p>10.3 AMO Not liable</p>	
<p>In no event shall Canada or AMO be liable for: (a) any bodily injury, death or property damages to the Recipient, its employees, agents or consultants or for any claim, demand or action by any Third Party against the Recipient, its employees, agents or consultants, arising out of or in any way related to this Agreement; or (b) any incidental, indirect, special or consequential damages, or any loss of use, revenue or profit to the Recipient, its employees, agents or consultants arising out of any or in any way related to this Agreement.</p>	<p>None. The Recipient acknowledged and agreed to this condition by signing the Municipal Funding Agreement.</p>

Per Funding Agreement**Specified Audit Procedure****10.4 Recipient to Compensate Canada**

The Recipient will ensure that it will not, at any time, hold Canada, its officers, servants, employees or agents responsible for any claims or losses of any kind that the Recipient, Third Parties or any other person or entity may suffer in relation to any matter related to the Funds or an Eligible Project and that the Recipient will, at all times, compensate Canada, its officers, servants, employees and agents for any claims or losses of any kind that any of them may suffer in relation to any matter related to the Funds or an Eligible Project. The Recipient's obligation to compensate as set out in this section does not apply to the extent to which such claims or losses relate to the negligence of an officer, servant, employee, or agent of Canada in the performance of his or her duties.

None. The Recipient acknowledged and agreed to this condition by signing the Municipal Funding Agreement.

10.5 Recipient to Indemnify AMO

The Recipient hereby agrees to indemnify and hold harmless AMO, its officers, servants, employees or agents (each of which is called an "Indemnitee"), from and against all claims, losses, damages, liabilities and related expenses including the fees, charges and disbursements of any counsel for any Indemnitee incurred by any Indemnitee or asserted against any Indemnitee by whomsoever brought or prosecuted in any manner based upon, or occasioned by, any injury to persons, damage to or loss or destruction of property, economic loss or infringement of rights caused by or arising directly or indirectly from: (a) the Funds; (b) the Recipient's Eligible Projects, including the design, construction, operation, maintenance and repair of any part or all of the Eligible Projects; (c) the performance of this Agreement or the breach of any term or condition of this Agreement by the Recipient, its officers, servants, employees and agents, or by a Third Party, its officers, servants, employees, or agents; and (d) any omission or other willful or negligent act of the Recipient or Third Party and their respective officers, servants, employees or agents.

None. The Recipient acknowledged and agreed to this condition by signing the Municipal Funding Agreement.

Per Funding Agreement	Specified Audit Procedure
11.1 Reinvestment	
<p>The Recipient will invest into Eligible Projects, any revenue that is generated from the sale, lease, encumbrance or other disposal of an asset resulting from an Eligible Project where such disposal takes place within five (5) years of the date of completion of the Eligible Project.</p>	<p>Request an asset inventory or list of assets. Verify that all assets financed by the federal Gas Tax Fund within the last five years are listed.</p> <p>If assets financed by the federal Gas Tax Fund within the last five years are not listed, review transactions recorded in the general ledger to calculate revenues generated during the year by the sale, lease, encumbrance or other disposal of these assets. Verify that this revenue is accurately reflected in the Annual Report and was reinvested in Eligible Projects or paid to the federal Gas Tax reserve fund during the year.</p>
11.2 Notice	
<p>The Recipient shall notify AMO in writing 120 days in advance and at any time during the five (5) years following the date of completion of an Eligible Project if it is sold, leased, encumbered or otherwise disposed of.</p>	<p>Verify, by reviewing correspondence with AMO, that AMO was notified in writing 120 days in advance and at any time during the five (5) years following the date of completion of an Eligible Project if it is sold, leased, encumbered or otherwise disposed of.</p>
11.3 Public Use	
<p>The Recipient will ensure that Infrastructure resulting from any Eligible Project that is not sold, leased, encumbered or otherwise disposed of, remains primarily for public use or benefit.</p>	<p>To confirm that the Recipient has retained assets financed by the federal Gas Tax Fund, verify that assets financed by the federal Gas Tax Fund are included in the asset inventory or list of assets requested to review clause 11.1.</p>

The exceptions noted by BDO Canada LPP (BDO) and Baker Tilly Canada LLP (BT) are summarized in Appendix B. Separate reports were prepared for each municipality and are available upon request. AMO followed up with all municipalities and corrective actions were taken. There were no material exceptions.

3.3 – Contracts

Observations

BDO identified one municipality that did not have a procurement policy or by-law. BDO recommended that the municipality develop one to ensure that funds are appropriately awarded and managed.

Management Response

AMO followed up with municipal staff. Staff confirmed that a policy does not exist, committed to create one, and requested examples and guidance. AMO provided staff with examples from neighbouring communities and links to other resources.

5.5 and 9.2 – Retention of Receipts and Separate Records

Observations

BDO identified one municipality that did not have a records retention policy or by-law. BDO recommended that the municipality develop one to ensure that records are appropriately retained.

Management Response

AMO followed up with municipal staff. Staff confirmed that a policy does not exist, committed to create one, and requested examples and guidance. AMO provided staff with examples from neighbouring communities and links to other resources.

7.1 – Annual Reporting

Observations

BDO identified two municipalities in which information described in the general ledger (GL) differed from that described in the annual report submitted to AMO. BDO recommended that AMO communicate with these municipalities regarding the requirements for preparing the annual report.

Management Response

AMO detected both discrepancies prior to the audit. Discrepancies were discovered when AMO reviewed each annual report; the review revealed that amounts reported to AMO differed from those disclosed in financial information returns. The discrepancies were brought to the attention of municipal staff.

Municipal staff adjusted the GL to address each discrepancy prior to the audit – but these adjustments were entered for the 2022 fiscal year. Information in the GL will therefore agree with information reported to AMO by 2022's year end.

11.1 and 11.3 – Reinvestment and Public UseObservations

BDO identified one municipality that was unable to provide an asset inventory or list of assets for the period prior to January 1, 2021; however, a list of assets financed by the CCBF since January 1, 2021 was provided. BDO therefore did not issue any recommendations in this regard.

Management Response

AMO connected with municipal staff to confirm that an asset list is now in place.

Section D: CCBF Allocations in 2021

Municipality	Allocation	Municipality	Allocation
Bruce, County of	\$ 4,135,995	Elgin, County of	\$ 3,114,484
Arran-Elderslie, Municipality of	423,173	Aylmer, Town of	466,031
Brockton, Municipality of	588,510	Bayham, Municipality of	460,060
Huron-Kinloss, Township of	439,719	Central Elgin, Municipality of	784,204
Kincardine, Municipality of	708,439	Dutton/Dunwich, Municipality of	240,480
Northern Bruce Peninsula, Municipality of	248,753	Malahide, Township of	577,998
Saugeen Shores, Town of	853,126	Southwold, Township of	275,003
South Bruce Peninsula, Town of	523,507	West Elgin, Municipality of	310,708
South Bruce, Municipality of	350,767		
		Essex, County of	\$ 11,291,861
Dufferin, County of	\$ 3,840,153	Amherstburg, Town of	1,364,503
Amaranth, Township of	253,729	Essex, Town of	1,270,638
East Garafraxa, Township of	160,424	Kingsville, Town of	1,340,617
Grand Valley, Town of	183,875	Lakeshore, Town of	2,277,344
Melancthon, Township of	187,109	LaSalle, Town of	1,877,312
Mono, Town of	535,513	Leamington, Municipality of	1,716,515
Mulmur, Township of	216,345	Tecumseh, Town of	1,444,933
Orangeville, Town of	1,797,691		
Shelburne, Town of	505,468	Frontenac, County of	\$ 1,659,412
		Central Frontenac, Township of	272,017
Durham, Regional Municipality of	\$ 40,166,942	Frontenac Islands, Township of	109,479
Ajax, Town of	7,444,368	North Frontenac, Township of	118,063
Brock, Township of	724,177	South Frontenac, Township of	1,159,853
Clarington, Municipality of	5,723,561		
Oshawa, City of	9,918,898		
Pickering, City of	5,708,508		
Scugog, Township of	1,344,660		
Uxbridge, Township of	1,317,228		
Whitby, Town of	7,985,541		

Municipality	Allocation	Municipality	Allocation
Grey, County of	\$ 5,836,585	Hastings, County of	\$ 2,465,013
Chatsworth, Township of	412,411	Bancroft, Town of	241,413
Georgian Bluffs, Township of	651,834	Carlow/Mayo, Township of	53,744
Grey Highlands, Municipality of	609,846	Centre Hastings, Municipality of	296,961
Hanover, Town of	478,223	Deseronto, Town of	110,350
Meaford, Municipality of	683,682	Faraday, Township of	87,148
Owen Sound, City of	1,327,492	Hastings Highlands, Municipality of	253,667
Southgate, Township of	457,447	Limerick, Township of	21,523
The Blue Mountains, Town of	436,982	Madoc, Township of	129,260
West Grey, Municipality of	778,668	Marmora and Lake, Municipality of	245,892
		Stirling-Rawdon, Township of	303,679
Haliburton, County of	\$ 1,123,526	Tudor & Cashel, Township of	36,451
Algonquin Highlands, Township of	146,241	Tweed, Municipality of	375,960
Dysart Et Al, Municipality of	390,640	Tyendinaga, Township of	267,290
Highlands East, Municipality of	207,947	Wollaston, Township of	41,677
Minden Hills, Township of	378,697		
		Huron, County of	\$ 3,688,501
Halton, Region of	\$ 34,114,758	Ashfield-Colborne-Wawanosh, Township of	337,269
Burlington, City of	11,402,833	Bluewater, Municipality of	443,887
Halton Hills, Town of	3,804,448	Central Huron, Municipality of	471,256
Milton, Town of	6,850,383	Goderich, Town of	474,491
Oakville, Town of	12,057,093	Howick, Township of	240,915
		Huron East, Municipality of	568,419
		Morris-Turnberry, Municipality of	217,465
		North Huron, Township of	306,789
		South Huron, Municipality of	628,010

Municipality	Allocation	Municipality	Allocation
Lambton, County of	\$ 7,675,890	Leeds & Grenville, United Counties of	\$ 4,343,009
Brooke-Alvinston, Municipality of	149,973	Athens, Township of	187,420
Dawn-Euphemia, Township of	122,355	Augusta, Township of	457,385
Enniskillen, Township of	173,922	Edwardsburgh/Cardinal, Township of	441,212
Lambton Shores, Municipality of	661,289	Elizabethtown-Kitley, Township of	612,957
Oil Springs, Village of	40,308	Front of Yonge, Township of	162,165
Petrolia, Town of	357,174	Leeds and the Thousand Islands, Township of	588,759
Plympton-Wyoming, Town of	484,879	Merrickville-Wolford, Village of	190,779
Point Edward, Village of	126,709	North Grenville, Municipality of	1,023,315
Sarnia, City of	4,453,421	Rideau Lakes, Township of	642,317
St. Clair, Township of	876,203	Westport, Village of	36,700
Warwick, Township of	229,657		
		Lennox & Addington, County of	\$ 2,667,798
Lanark, County of	\$ 3,727,129	Addington Highlands, Township of	144,500
Beckwith, Township of	475,486	Greater Napanee, Town of	988,543
Carleton Place, Town of	662,098	Loyalist, Township of	1,055,661
Drummond/North Elmsley, Township of	483,510	Stone Mills, Township of	479,094
Lanark Highlands, Township of	332,044		
Mississippi Mills, Municipality of	818,789	Middlesex, County of	\$ 4,450,746
Montague, Township of	233,949	Adelaide Metcalfe, Township of	185,989
Perth, Town of	368,869	Lucan Biddulph, Township of	292,358
Tay Valley, Township of	352,385	Middlesex Centre, Municipality of	1,073,763
		Newbury, Village of	28,987
		North Middlesex, Municipality of	395,119
		Southwest Middlesex, Municipality of	355,993
		Strathroy-Caradoc, Municipality of	1,298,007
		Thames Centre, Municipality of	820,531

Municipality	Allocation	Municipality	Allocation
Muskoka, District Municipality of	\$ 3,756,552	Northumberland, County of	\$ 5,293,733
Bracebridge, Town of	995,883	Alnwick/Haldimand, Township of	427,278
Georgian Bay, Township of	155,447	Brighton, Municipality of	736,742
Gravenhurst, Town of	765,791	Cobourg, Town of	1,209,242
Huntsville, Town of	1,232,631	Cramahe, Township of	395,305
Lake of Bays, Township of	197,000	Hamilton, Township of	680,634
Muskoka Lakes, Township of	409,799	Port Hope, Municipality of	1,042,101
		Trent Hills, Municipality of	802,429
Niagara, Region of	\$ 27,860,349	Oxford, County of	\$ 6,896,041
Fort Erie, Town of	1,910,280	Blandford-Blenheim, Township of	460,246
Grimsby, Town of	1,699,035	East Zorra-Tavistock, Township of	443,451
Lincoln, Town of	1,479,643	Ingersoll, Town of	793,534
Niagara Falls, City of	5,478,354	Norwich, Township of	684,304
Niagara-on-the-Lake, Town of	1,089,251	South-West Oxford, Township of	476,730
Pelham, Town of	1,064,308	Tillsonburg, Town of	987,299
Port Colborne, City of	1,138,703	Woodstock, City of	2,544,261
St. Catharines, City of	8,280,138	Zorra, Township of	506,215
Thorold, City of	1,169,494		
Wainfleet, Township of	396,363	Peel, Region of	\$ 85,949,459
Welland, City of	3,252,825	Brampton, City of	36,926,558
West Lincoln, Township of	901,956	Caledon, Town of	4,136,679
		Mississauga, City of	44,886,222
		Perth, County of	\$ 2,367,851
		North Perth, Municipality of	816,736
		Perth East, Township of	762,681
		Perth South, Township of	236,997
		West Perth, Municipality of	551,437

Municipality	Allocation	Municipality	Allocation
Peterborough, County of	\$ 3,469,916	Renfrew, County of	\$ 5,478,416
Asphodel-Norwood, Township of	255,596	Admaston/Bromley, Township of	182,568
Cavan Monaghan, Township of	549,198	Arnprior, Town of	547,083
Douro-Dummer, Township of	417,325	Bonnechere Valley, Township of	228,537
Havelock-Belmont-Methuen, Township of	281,783	Brudenell, Lyndoch and Raglan, Township of	93,492
North Kawartha, Township of	154,203	Deep River, Town of	255,596
Otonabee-South Monaghan, Township of	414,900	Greater Madawaska, Township of	156,629
Selwyn, Township of	1,061,197	Head, Clara & Maria, United Townships of	15,427
Trent Lakes, Municipality of	335,714	Horton, Township of	179,582
		Killaloe, Hagarty & Richards, Township of	150,533
Prescott & Russell, United Counties of	\$ 5,556,855	Laurentian Hills, Town of	184,186
Alfred and Plantagenet, Township of	602,133	Laurentian Valley, Township of	583,907
Casselman, Village of	220,699	Madawaska Valley, Township of	256,466
Champlain, Township of	541,547	McNab/Braeside, Township of	446,499
Clarence-Rockland, City of	1,524,740	North Algona Wilberforce, Township of	181,324
East Hawkesbury, Township of	205,024	Petawawa, Town of	1,069,097
Hawkesbury, Town of	638,398	Renfrew, Town of	511,502
Russell, Township of	1,027,607	Whitewater Region, Township of	435,987
The Nation, Municipality of	796,707		

Municipality	Allocation	Municipality	Allocation
Simcoe, County of	\$ 19,004,265	Waterloo, Region of	\$ 33,288,629
Adjala-Tosorontio, Township of	682,687	Cambridge, City of	8,081,522
Bradford West Gwillimbury, Town of	2,197,350	Kitchener, City of	14,507,302
Clearview, Township of	880,246	North Dumfries, Township of	635,412
Collingwood, Town of	1,355,608	Waterloo, City of	6,530,531
Essa, Township of	1,311,443	Wellesley, Township of	700,415
Innisfil, Town of	2,274,545	Wilmot, Township of	1,277,978
Midland, Town of	1,049,005	Woolwich, Township of	1,555,469
New Tecumseth, Town of	2,129,984		
Oro-Medonte, Township of	1,308,520	Wellington, County of	\$ 5,656,319
Penetanguishene, Town of	557,471	Centre Wellington, Township of	1,753,588
Ramara, Township of	590,190	Erin, Town of	711,550
Severn, Township of	838,321	Guelph/Eramosa, Township of	799,568
Springwater, Township of	1,185,543	Mapleton, Township of	654,820
Tay, Township of	624,091	Minto, Town of	539,369
Tiny, Township of	733,197	Puslinch, Township of	456,327
Wasaga Beach, Town of	1,286,064	Wellington North, Township of	741,096
Stormont, Dundas & Glengarry, United Counties of	\$ 4,065,207	York, Regional Municipality of	\$ 69,024,356
North Dundas, Township of	701,535	Aurora, Town of	3,448,891
North Glengarry, Township of	628,819	East Gwillimbury, Town of	1,492,332
North Stormont, Township of	427,527	Georgina, Town of	2,825,174
South Dundas, Municipality of	673,854	King, Township of	1,524,740
South Glengarry, Township of	817,980	Markham, City of	20,462,945
South Stormont, Township of	815,492	Newmarket, Town of	5,239,055
		Richmond Hill, Town of	12,131,115
		Vaughan, City of	19,048,866
		Whitchurch-Stouffville, Town of	2,851,237

Municipality	Allocation	Municipality	Allocation
Single-Tier Municipalities			
Alberton, Township of	\$ 120,551	Chatham-Kent, Municipality of	\$ 12,645,666
Armour, Township of	175,912	Chisholm, Township of	160,610
Armstrong, Township of	145,059	Cobalt, Town of	140,332
Assiginack, Township of	126,025	Cochrane, Town of	661,973
Atikokan, Town of	342,494	Coleman, Township of	74,023
Baldwin, Township of	75,267	Conmee, Township of	101,890
Barrie, City of	17,595,473	Cornwall, City of	5,796,029
Belleville, City of	6,309,459	Dawson, Township of	58,223
Billings, Township of	75,018	Dorion, Township of	39,313
Black River-Matheson, Township of	303,306	Dryden, City of	964,035
Blind River, Town of	431,943	Dubreuilville, Township of	76,262
Bonfield, Township of	247,571	Ear Falls, Township of	123,786
Brant, County of	4,566,632	East Ferris, Municipality of	604,870
Brantford, City of	12,129,249	Elliot Lake, City of	1,336,263
Brethour, Township of	15,427	Emo, Township of	165,835
Brockville, City of	2,655,606	Englehart, Town of	183,999
Bruce Mines, Town of	72,405	Espanola, Town of	628,010
Burk's Falls, Village of	122,044	Evanturel, Township of	55,859
Burpee and Mills, Township of	42,672	Fauquier-Strickland, Township of	66,683
Callander, Municipality of	480,587	Fort Frances, Town of	962,791
Calvin, Municipality of	64,194	French River, Municipality of	331,173
Carling, Township of	139,959	Gananoque, Separated Town of	641,819
Casey, Township of	45,782	Gauthier, Township of	17,168
Central Manitoulin, Municipality of	259,266	Gillies, Township of	58,969
Chamberlain, Township of	41,303	Gordon/Barrie Island, Municipality of	60,960
Chapleau, Township of	244,337	Gore Bay, Town of	107,861
Chapple, Township of	79,372	Greater Sudbury, City of	20,095,694
Charlton and Dack, Municipality of	85,344	Greenstone, Municipality of	576,754

Municipality	Allocation	Municipality	Allocation
Guelph, City of	\$ 16,396,183	Larder Lake, Township of	\$ 90,818
Haldimand, County of	5,673,985	Latchford, Town of	38,940
Hamilton, City of	66,796,588	London, City of	47,750,397
Harley, Township of	68,549	MacDonald, Meredith & Aberdeen Add'l, Township of	200,172
Harris, Township of	67,802	Machar, Township of	109,728
Hearst, Town of	630,747	Machin, Municipality of	120,800
Hilliard, Township of	25,752	Magnetawan, Municipality of	172,927
Hilton Beach, Village of	21,274	Manitouwadge, Township of	240,978
Hilton, Township of	38,193	Marathon, Town of	407,186
Hornepayne, Township of	121,920	Markstay-Warren, Municipality of	330,427
Hudson, Township of	62,577	Matachewan, Township of	27,992
Huron Shores, Municipality of	207,014	Mattawa, Town of	247,944
Ignace, Township of	149,538	Mattawan, Municipality of	20,030
Iroquois Falls, Town of	564,438	Mattice - Val Côté, Township of	80,616
James, Township of	52,251	McDougall, Municipality of	336,150
Jocelyn, Township of	38,940	McGarry, Township of	75,764
Johnson, Township of	93,430	McKellar, Township of	138,217
Joly, Township of	37,820	McMurrich/Monteith, Township of	102,512
Kapuskasing, Town of	1,031,588	Moonbeam, Township of	153,146
Kawartha Lakes, City of	9,383,199	Moosonee, Town of	184,248
Kearney, Town of	109,728	Morley, Township of	59,840
Kenora, City of	1,878,058	Nairn & Hyman, Township of	42,547
Kerns, Township of	44,538	Neebing, Municipality of	255,658
Killarney, Municipality of	48,021	Nipigon, Township of	204,277
Kingston, City of	15,401,420	Nipissing, Township of	212,364
Kirkland Lake, Town of	992,898	Norfolk, County of	7,967,564
La Vallee, Township of	116,694	North Bay, City of	6,413,588
Laird, Township of	130,255	Northeastern Manitoulin and the Islands, Town of	337,394
Lake of the Woods, Township of	28,614	O'Connor, Township of	82,482

Municipality	Allocation	Municipality	Allocation
Oliver-Paipoonge, Municipality of	\$ 736,742	Smooth Rock Falls, Town of	\$ 165,462
Opasatika, Township of	28,116	South Algonquin, Township of	136,351
Orillia, City of	3,877,289	South River, Village of	138,590
Ottawa, City of	116,226,986	Spanish, Town of	88,578
Papineau-Cameron, Township of	126,398	St. Charles, Municipality of	157,873
Parry Sound, Town of	797,204	St. Joseph, Township of	154,266
Pelee, Township of	29,236	St. Marys, Town of	903,822
Pembroke, City of	1,727,027	St. Thomas, City of	4,840,578
Perry, Township of	305,296	Stratford, City of	3,914,487
Peterborough, City of	10,081,002	Strong, Township of	179,023
Pickle Lake, Township of	48,270	Sundridge, Village of	119,556
Plummer Additional, Township of	82,109	Tarbutt, Township of	66,434
Powassan, Municipality of	429,828	Tehkummah, Township of	54,242
Prescott, Town of	525,249	Temagami, Municipality of	99,775
Prince Edward, County of	3,077,224	Temiskaming Shores, City of	1,234,124
Prince, Township of	125,652	Terrace Bay, Township of	200,421
Quinte West, City of	5,421,313	The Archipelago, Township of	66,060
Rainy River, Town of	100,397	The North Shore, Township of	61,831
Red Lake, Municipality of	510,942	Thessalon, Town of	159,988
Red Rock, Township of	111,345	Thornloe, Village of	13,934
Ryerson, Township of	80,616	Thunder Bay, City of	13,424,706
Sables-Spanish Rivers, Township of	396,612	Timmins, City of	5,198,747
Sault Ste. Marie, City of	9,127,541	Val Rita-Harty, Township of	94,799
Schreiber, Township of	131,748	Wawa, Municipality of	361,404
Seguin, Township of	535,451	West Nipissing, Municipality of	1,786,992
Shuniah, Municipality of	348,093	White River, Township of	80,243
Sioux Lookout, Municipality of	655,877	Whitestone, Municipality of	113,957
Sioux Narrows-Nestor Falls, Township of	70,539	Windsor, City of	27,019,851
Smiths Falls, Town of	1,092,299	Total	\$ 1,321,927,815

Section E: CCBF Projects Active in 2021

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Broadband Connectivity	Barrie, City of	Wi-Fi Installation along the Waterfront	A free public Wi-Fi system is being installed on most of the Waterfront and Downtown BIA. Outdoor coverage will include patio, parks, parts of the waterfront trails, and beach areas. Access to the Wi-Fi service will only require agreement to the terms of service.	\$400,000	\$26,948	Ongoing
Broadband Connectivity	Gillies, Township of	Installation of Broadband Fibre	The main objective of this project is to provide a fibre line to the only centre for Gillies Township, being the municipal office. As a result of this project, residents will now have free broadband access at the municipal office. The fibre optic cable provides reliability, continuity and connectedness for the community. The fibre line also permits uninterrupted service to the community in the event of an emergency or natural disaster.	\$20,000	\$16,790	Ongoing
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Newmarket	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 55 Regional Facilities and 19 local municipal facilities.	\$471,149	\$342,109	Complete
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for East Gwillimbury	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 27 Regional Facilities and 14 local municipal facilities.	\$130,091	\$36,872	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Aurora	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 21 Regional Facilities and 11 local municipal facilities.	\$171,813	\$124,756	Complete
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for King, Richmond Hill, and Witchurch-Stouffville	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 13 Regional Facilities and 9 local municipal facilities.	\$3,165,000	\$941,567	Ongoing
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Vaughan	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 17 Regional facilities and 3 local municipal facilities within the City of Vaughan.	\$5,820,000	\$682,373	Ongoing
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Georgina	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 36 Regional Facilities and 8 local municipal facilities within the Town of Georgina.	\$1,427,018	\$175,490	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Markham	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 14 Regional facilities and 40 local municipal facilities within the City of Markham.	\$9,260,612	\$4,622,124	Ongoing
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Major Mackenzie Drive	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 12 Regional facilities, 14 local municipal facilities, and two hospitals within the Cities of Vaughan and Richmond Hill.	3720000	551292.56	Ongoing
Brownfield Redevelopment	Kitchener, City of	Elmsdale Park Enhancements	Following extensive surveying, consultation and engagement, it was determined that Elmsdale Park was in need of improvements to the methane vent system, enhancements to the existing soil cap, and the addition of park site amenities including: a playground, sand volleyball courts, picnic tables, and informal soccer pitch, bench seating, a crushed stone pathways, new tree plantings and a wildflower area.	\$889,933	\$676,949	Ongoing
Capacity Building	Adelaide Metcalfe, Township of	Development of an Asset Management Plan	The main objective of creating this asset management plan is to use the township's best available information to develop a comprehensive long-term plan for capital assets. In addition, the plan will provide a sufficiently documented framework that will enable continuous improvement and updates of the plan, to ensure its relevancy over the long term.	\$37,000	\$2,296	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Ajax, Town of	Walkway & Park Lighting Condition Assessment	The structural condition of walkway and park lighting poles is being evaluated and a report will be provided with asset management recommendations for prioritized pole replacements and maintenance recommendations. The outcomes of the structural condition assessment will inform the long range capital forecast and the asset management plan.	\$120,000	\$13,865	Ongoing
Capacity Building	Ajax, Town of	Integration of Asset Management Systems	The purpose of this project is to integrate Asset Management with the Town's Computerized Maintenance Management System (CMMS) and Geographical Information Systems (GIS) to enable end-to-end connectivity of systems in order to improve service delivery and support the maintenance and rehabilitation of infrastructure and assets.	\$500,000	\$348,503	Ongoing
Capacity Building	Ajax, Town of	Asset Level of Service Assessment	The scope of this project is to identify the existing levels of service for all infrastructure assets and develop levels of service for all infrastructure assets. The existing and proposed levels of service will be included in the Town's asset management plan as prescribed by the asset management regulation (O. Reg. 588/17).	\$431,117	\$164,050	Ongoing
Capacity Building	Barrie, City of	Capital Asset Management Project	The City is investing in a corporate asset management project, updating the transportation and water asset management plans, as well as the facility condition assessment program. All AMP updates and condition assessment activities facilitate improved decision making and further implementation of the City's AM strategy.	\$75,000	\$32,585	Complete
Capacity Building	Barrie, City of	Geographic Information Systems (GIS) Software for asset data capture	The City is investing in GIS software in order to capture asset data. This information will be used for maintenance and asset management decision making.	\$140,000	\$42,527	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Barrie, City of	Energy Audits and Re-commissioning Studies	Re-commissioning uses consultants to review all building HVAC, control systems, and sensors. This ensures all equipment is operating as intended and as building occupancy warrants. The studies are done over three seasons to ensure proper operations in all weather conditions. Energy audits are studies done by consultants to determine where, when, and how energy is being used in a facility.	\$50,000	\$22,285	Complete
Capacity Building	Barrie, City of	Development of Community Energy and Greenhouse Gas Emission Plans	A community-driven planning exercise to develop a community wide greenhouse gas emission and energy reduction plan. This capacity building project will provide a framework for the community to move towards a zero carbon future.	\$180,000	\$22,889	Ongoing
Capacity Building	Barrie, City of	Stormwater Asset Management Plan Update	Update existing Stormwater Asset Management Plans (AMPs) in accordance with Ontario Regulation 588/17: Asset Management Planning for Municipal Infrastructure (made under the Infrastructure For Jobs and Prosperity Act, 2015). □ This study will ensure that evidence-based decisions are made for asset rehabilitation/replacement to optimize the life of the assets at the lowest sustainable cost in line with financial resources. Work will result in a standalone, comprehensive AMP.	\$375,000	\$29,592	Ongoing
Capacity Building	Barrie, City of	Expansion and Integration of Work Order System	On-going maintenance and expansion of Cityworks system in alignment with the corporate GIS program, mobility strategy, and integration with other enterprise/business applications systems. The Cityworks technology system is being deployed to the field to reduce paper based work order processes.	\$1,699,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Brampton, City of	Downtown (Queen Street W) Land Use Study for Development Permit System	This project is linked to the City's long term planning as it examines land use in a specific area of our downtown (Queen St. W) and makes recommendations with respect to future land use (e.g. retaining stable neighbourhoods, areas that can redevelop). A Development Permit system will be created to establish the long-term planning vision for the selected areas of intensification to set in place a regulatory framework and approvals process to facilitate the implementation of the vision.	\$85,000	\$0	Complete
Capacity Building	Brampton, City of	Storm Water Management Study	This study is required to gain a better understanding of the overall Stormwater system, its current condition, the asset management needs over the next 100 years & the funding alternatives that would achieve a sustainable system. Specific plans will be developed to address flooding, erosion & water quality issues, not only in the Stormwater Management Ponds, but also in the associated watercourses. A comprehensive asset management and renewal program will be developed & implemented.	\$1,350,000	\$45,558	Ongoing
Capacity Building	Brantford, City of	Condition Assessment of City Roads	Utilizing an external consultant, the City undertook a condition assessment of City roads by type, extent and severity of pavement surface distress and ride comfort in accordance with the Asset Management Strategy in Section 4 of the City's 2017 Asset Management Plan. The results of this assessment will be used to establish cost-effective rehabilitation and replacement strategies to minimize lifecycle costs and for the development of capital plans.	\$69,734	\$0	Complete
Capacity Building	Bruce, County of	Development of an Integrated Transportation Mobility Plan	Hired a consultant to produce a report that will provide inter-municipal transportation connectivity options including transit and active transportation and other related options.	\$183,253	\$82,305	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Bruce, County of	Implementation of Corporate Work Order Software	Purchase a work order system to integrate with asset management software that will give us the means to control and track how much time and resources we spend maintaining, operating, and improving our assets, and to determine if we are meeting our service levels to manage our assets. This tracking is critical to maintain/schedule the implementation of our asset management plan and to measure our performance, and will help us ensure quality management and continuous improvement.	\$150,000	\$75,964	Ongoing
Capacity Building	Bruce, County of	Strategic Asset Management - Facilities Assessment	Hired a consultant to gather asset data on the components of all 46 Bruce County facilities to enhance our asset management plan. The data collected included current condition, replacement cost and estimated remaining useful life along with other information for all building assets.	\$239,000	\$0	Complete
Capacity Building	Cambridge, City of	Stormwater Management Funding Plan	A stormwater funding plan allows the city to develop a model to sustainably and equitably fund the stormwater management program. The funding plan reviews the existing funding model, identifies gaps in funding, and provides recommendations on alternative funding methods along with an implementation plan.	\$164,161	\$92,755	Ongoing
Capacity Building	Cambridge, City of	Asset Life Cycle Planning Tool Expansion	Expansion of the Inframodex tool to extend life-cycle planning to all other asset groups (i.e., parks, trails, trees, walkways, fleet, play structures, etc.). This tool has been successfully implemented for water/sanitary/drainage/road infrastructure and is now a part of the capital planning process. Extending this tool to other asset classes provides a consistent process and reporting methodology.	\$70,000	\$0	Ongoing
Capacity Building	Centre Wellington, Township of	Condition Assessment of the Township's Sanitary and Storm Sewers	The Township is hiring a contractor to conduct a condition assessment of its sanitary and storm sewer infrastructure. This information will be used to update and enhance the Township's asset management plan.	\$200,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Chapple, Township of	Chapple 2021 Bridge Inspection Report	An appraisal report of the 11 bridges/culverts within the Township of Chapple was completed. Recommendations were provided with regards to preliminary cost estimates for maintenance, improvements or replacement of deficient structures. Options other than replacing like for like were provided to assist with planning and replacement. Data used to update priorities in Asset Management Plan.	\$10,509	\$9,464	Complete
Capacity Building	Chapple, Township of	Chapple Water Treatment Plant - Development of a Financial Plan	Ontario Clean Water Agency was contracted to complete a Financial Plan in order to comply with regulation O. Reg 453/07. As per requirements set out by the Ministry of the Environment, Conservation and Parks, this operating plan is required to ensure a financially sustainable drinking water and wastewater system. The plan includes future capital and major maintenance projects, water system financial information and tangible capital asset information.	\$6,077	\$5,473	Complete
Capacity Building	Chapple, Township of	Shenston Landfill Management Plan	The useful life of the Shenston Landfill has been significantly impacted with the development of a gold mine within the municipality. With the phased-in closure of the northern portion of site, the MOE has directed the municipality to develop an operations plan for the remaining portion of the site. The plan is to include ground/surface water analysis and reporting, test pit surveillance, soil sampling and survey, hydrogeological modelling, partial closure design and a landfill operating plan.	\$58,665	\$2,544	Ongoing
Capacity Building	Clarence-Rockland, City of	Geotechnical Analysis of Local Roads for Improved Asset Management Decision-Making	The City is assessing the condition of both the road surface and the underlying road base. Information will be fed in to the City's asset management system to help prioritize investments in local roads over the next few years.	\$120,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Cobalt, Town of	Official Plan Review including Zoning By-Law	The Town of Cobalt has been without an Official Plan review for 20 years and we are out of compliance with current provincial land use guides. The updated Official Plan and Comprehensive Zoning By-Law will replace the current versions to be used to guide future growth, land use, and development within the Town of Cobalt with planning policies and regulations consistent with the Provincial Policy Statement and conforming to the Growth Plan for Northern Ontario.	\$50,000	\$17,298	Ongoing
Capacity Building	Dorion, Township of	Development of an O. Reg. 588/17-Compliant Asset Management Plan	The purpose of this project is to develop an Asset Management Plan (AMP) that is Ontario Regulation 588/17 compliant for the Township of Dorion. The AMP will be provide an overview of the plan, state of local infrastructure, levels of service, asset management strategy and financial strategy. The AMP will become a document that Council, staff and residents can use as a guide for future decision-making on managing assets. The AMP will address core infrastructure assets.	\$62,280	\$12,280	Ongoing
Capacity Building	Dorion, Township of	Official Plan & Zoning By-law Review/Replacement	The scope of this project is to update planning policies and regulations of the Township to be consistent with the Provincial Policy Statement, conform to the Growth Plan for Northern Ontario, and to address matters of provincial interest, initiatives and legislation. The updated Official Plan and Comprehensive Zoning By-law will replace the current versions and will be used to guide future growth, land use and development within the Township of Dorion.	\$60,000	\$16,000	Ongoing
Capacity Building	Drummond/North Elmsley, Township of	Asset Management Plan Update	To update and improve the current asset management plan to comply with O. Reg. 588/17. This includes updates and improvements to capital investment plans, integrated community sustainability plans, life-cycle cost assessments, level of service assessments, the roads-needs study, and the asset management plan itself.	\$101,760	\$16,363	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Grey, County of	Building Condition Assessments	The County is conducting building condition assessments on County owned facilities. These assessments document current conditions and assess the remaining useful life of each facility. Assessments include an inventory of all major mechanical and electrical components, recommendations for capital repair/replacement projects with preliminary cost estimates, a detailed log of photographs supporting the findings and recommendations, and an awareness of energy performance/consumption.	\$120,156	\$70,102	Complete
Capacity Building	Guelph, City of	Asset Management Decision Support System Implementation	Implementation of a computerized system to assist in asset management priority decision making. The system is being integrated into both the City's work management system and capital budget system. This will provide the ability to analyze the impact of changes of funding and priorities on condition and level of service of assets in real time and will lead to improved capital planning and best use of the City's capital funding.	\$20,000	\$7,350	Complete
Capacity Building	Guelph, City of	Downtown Infrastructure Revitalization	This project is to develop a strategy for replacement of core infrastructure within the downtown core based on Asset management principles. Due to the scale of work and the level of impact on residents and businesses, development of not only the plan but also the capacity and information required to ensure a successful construction project is critical.	\$1,487,100	\$91,820	Ongoing
Capacity Building	Halton Hills, Town of	Development of a Stormwater Facility Rehabilitation Assessment Plan	Develop a plan to assist with the assessment of sediment storage and associated infrastructure of stormwater facilities to assign priorities for removal of sediment or assess impacts of additional capacity on existing stormwater facilities. □ A comprehensive plan for stormwater facilities will result in financial savings, and lowered environmental impacts associated with the storage of stormwater.	\$300,000	\$113,130	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Hamilton, City of	Development of Asset Management Plan	This project encompasses an ongoing conditions assessment, needs analysis and capital prioritization for local infrastructure. It includes reporting on the right of way assets necessary to maintain reports such as the State of the Infrastructure, Service Level Delivery, etc. This report includes the ongoing development and monitoring of the Provincially required Asset Management Plan.	\$570,000	\$18,738	Ongoing
Capacity Building	Head, Clara & Maria, United Townships of	Review and Update of Asset Management Plan	An organizational review including the Asset Management Plan review was done by a Consultant which provided recommendations on how to update our asset management plan in order to be proactive in managing municipal infrastructure. The updates to the Asset Management Plan will tie into the Council Term Plan and Operational work plan of the municipality.	\$22,751	\$0	Complete
Capacity Building	Huron, County of	Integration of Geographic Information System (GIS) with Asset Management	Implementation, configuration and migration of asset datasets into GIS technology, hardware and integration with other systems. Includes efforts to assemble information related to condition and valuation.	\$80,000	\$0	Ongoing
Capacity Building	Huron, County of	Huron County's Asset Management System	Implementation, configuration, and training of asset and workorder systems to support asset management.	\$80,000	\$0	Ongoing
Capacity Building	Kitchener, City of	Inspection of Road and Pavement Infrastructure 2019-2021	The main aspect of this project is the detailed condition inspection of the City's entire road infrastructure every two years, and the entire sidewalk infrastructure every year. Inspection involves a data-driven approach of identifying defects, quality and roughness indicators to assess the overall condition of the sidewalk/road. The outcome of this analysis provides a prioritized list of road and sidewalk infrastructure that requires immediate restoration/replacement based on condition.	\$346,980	\$1,386	Complete
Capacity Building	Larder Lake, Township of	Larder Lake Perpetual Asset Management Implementation Project	Advancement of our Municipal Asset Management Program to develop an asset management policy including levels of service, development of standard operating procedures, public communication regarding asset management and conditioning of assets.	\$3,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Lincoln, Town of	Asset Management Capacity Building	This project is to equip Town of Lincoln staff with the skills needed to complete and update Asset Management Plans including long-term Capital and Financial Planning. It includes a review and update of asset data.	\$300,000	\$123,391	Ongoing
Capacity Building	Mattawa, Town of	Asset Management Plan Update	This project promotes sustainable service levels for ratepayers, while maintaining a fiscally responsible level of budgetary use and debt structure. The updated AMP and its associated documents continues to ensure infrastructure dollars are spent with maximum effect and cost benefit in order to: protect public health and safety; identify and achieve appropriate levels of service; and extend life cycle of existing municipal infrastructure assets.	\$120,000	\$0	Ongoing
Capacity Building	McGarry, Township of	Update of the Official Plan	The Township is in the process of updating the Official Plan and Zoning By-Law. The present Official Plan and Zoning By-Law are outdated and require revision to be brought up to current standards and laws.	\$18,000	\$4,187	Ongoing
Capacity Building	Mississauga, City of	Development of a Transit Five Year Service Plan	MiWay Five 2021-2025 is a service plan that will guide the refinement and expansion of the City's transit network over five years from 2021 to 2025. Its main goal is to continue growing the system and improving connectivity to deliver a transit service that will be fast, efficient, attractive and easy to use. We're planning to make MiWay appeal to more people as a great way to get around the city.	\$370,875	\$23,459	Complete
Capacity Building	Mississauga, City of	Asset Management Plan Development and Implementation	The project supports a consistent corporate-wide approach to asset management to effectively manage existing and new infrastructure. This maximizes benefits, reduces risk, and supports the community with appropriate levels of service while ensuring sustainability and financial stability. This project implements a fully integrated asset management software system that is able to integrate information from various asset management systems throughout the City departments.	\$170,000	\$8,679	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Mono, Town of	2021 Asset Management Plan Update	The Town is updating core assets (by July 1, 2021) and other assets (by Dec 31, 2021) in its Asset Management Plan (AMP). PCIs for hard surface roads are being updated specifically for the AMP. This new conditions information is being input into AMP data. BCIs are additionally being updated. New level of service requirements are being determined for the potential assumption of new subdivision roads and the sewage treatment plant. Streetlight conditions are also being updated.	\$100,000	\$8,494	Ongoing
Capacity Building	New Tecumseth, Town of	Implementation of an Asset Management and Work Order System	This project is to implement a Work Order System with Integration to an Asset Management System. This will provide a significant input towards asset management as it performs the scheduling and recording of maintenance and condition assessment updates. The provision of more current asset financial information for decision making will enable the Municipality to make informed decisions regarding the life cycle changes and replacement requirements.	\$345,000	\$16,897	Complete
Capacity Building	Niagara Falls, City of	Sanitary Network Condition Assessment	Complete CCTV inspection program of City wide existing sanitary and combined sewer system. This includes review and assessment of all CCTV inspection results to provide recommendations to drive future 'State of Good Repair" and wet weather flow reduction sewer projects.	\$2,600,000	\$0	Ongoing
Capacity Building	Niagara Falls, City of	Water Distribution System Master Servicing Plan	Completion of a city wide assessment of the municipal drinking water distribution network from a Level of Service, Operational and Condition standpoint. Recommendations provided for a multi-year capital works program to achieve desired service levels. Provision of an up to date and calibrated computer model of the water distribution network.	\$200,000	\$13,995	Ongoing
Capacity Building	Nipigon, Township of	Update of the Township's Asset Management Plan	We use our asset management plan to track municipal assets and to provide financial information that assists in operational and capital budgeting. We updated our plan to meet requirements set forth by the Province of Ontario.	\$64,500	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	O'Connor, Township of	Review & Update of Official Plan and Zoning By-Law	Review & Update of the Township's Official Plan and Zoning By-Law by a Consultant.	\$22,174	\$0	Ongoing
Capacity Building	Oshawa, City of	Biennial Structure Inspection Program	To retain a consultant to perform biennial inspections of each structure and identify structure conditions and immediate needs ensuring the City is compliant with legislation.	\$100,000	\$36,888	Ongoing
Capacity Building	Oshawa, City of	Building Condition Audits	Consulting services to conduct building condition audits of the City's vertical assets to assess their condition, and create a maintenance life-cycle schedule for the next 25 years based on Building Owners Management Association (BOMA) standards and the City's VFA asset management software.	\$722,173	\$196,473	Ongoing
Capacity Building	Oshawa, City of	Workforce Management Software Implementation	Implementation of Workforce Management software with work order and asset management functionality and provision of systems infrastructure needed to take advantage of mobile/remote technologies to improve customer service and the efficiency of various business units within the City.	\$3,435,680	\$172,561	Complete
Capacity Building	Peel, Region of	Accessible Transportation Master Plan Implementation/Studies	To enhance the TransHelp program and to ensure the Region of Peel is AODA compliant with a sustainable model of service delivery for Peel residents. The focus is on the creation and implementation of the AT Master Plan with a newly designed self-service website for users and caregivers with an on-line para-transit application; online portal to book rides and access accounts; Interactive Voice Response Systems; and enhancements to the Trapeze scheduler.	\$3,550,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Pickering, City of	Asset Management Planning	Project involves consulting services for the development of a Road Map in Year 1, to be completed in Year 2 followed by the 2017 AMP Report which will include full risk assessment, life cycle intervention models, deterioration curves, optimized budget development and a defined level of service framework and, staff workshops. Data work: facilities infrastructure, storm sewer facilities, road inventory, sidewalks, streetlights asset classes allocation. Also,O.Reg 533/17 July 1,2021 requirements.	\$440,000	\$59,621	Ongoing
Capacity Building	Richmond Hill, City of	Implementation of an Enterprise Asset Management System	The Project is to deliver an Enterprise Asset Management (EAM) system to support Asset Management Planning. The EAM system incorporates asset, lifecycle, risk and level of service data to assist in the development of capital investment strategies. The system will assist in determining the optimal level of asset investments and inform how investments will impact on current and future State of the Infrastructure.	\$500,000	\$7,098	Ongoing
Capacity Building	Richmond Hill, City of	Facility Life Cycle Assessment	The project is to perform facility condition assessment and asset lifecycle validation surveys for 21 City of Richmond Hill facilities including recreation, park facilities, library, heritage and pumping stations. The project is necessary in order to inform the City's update to Asset Management Plan on facility assets.	\$43,191	\$0	Complete
Capacity Building	Richmond Hill, City of	Development of an Asset Management Policy, Strategy and Governance Structure	Development of an Asset Management Policy, Strategy and Governance Structure to grow Richmond Hill's capacity and maturity for Asset Management Planning.	\$596,581	\$26,582	Ongoing
Capacity Building	South Frontenac, Township of	Asset Management Plan Update	We are updating our asset management plan. Updates include software upgrades, inclusion of levels of service, condition assessment updates, and the incorporation of new components such as fleet and facilities.	\$72,500	\$22,021	Ongoing
Capacity Building	South Frontenac, Township of	Update of the Official Plan	Full update of existing official plan which is currently from 2003. The official plan is a critical policy document for the Township that guides future decisions on development and growth.	\$176,000	\$81,724	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	St. Catharines, City of	Development of a Transportation Master Plan	The Transportation Master Plan (TMP) helps guide and plan investment in transportation infrastructure for the next 25 years. As such, the TMP reviews all aspects of the transportation system to integrate sidewalks, pathways and roadways into one cohesive transportation system. This helps ensure that opportunities for cyclists, pedestrians and public transit users are included in the review of existing and potential new roadways and active transportation corridors.	\$400,000	\$7,891	Complete
Capacity Building	Strathroy-Caradoc, Municipality of	Inspection of Bridges and Culverts	The municipality maintains 48 bridges and major culverts with a replacement value in the magnitude of \$40 million. Currently more than 25% of the structures are at or approaching their life expectancy representing a need of approximately \$10 Million in the next 5 to 10 years. With more than 75% of the structures more than 50 years old, this need will only increase. All bridges, culverts, and tunnels with spans of 3 m or greater were therefore inspected to assess the condition of each structure.	\$51,837	\$7,650	Complete
Capacity Building	The Blue Mountains, Town of	Review of the Sustainable Path (The Town's Community Sustainability Plan)	The project identifies the need to review the 2009 Sustainable Path. The review of the Plan is required to measure the previous plan's strategic goals and inventory the actions taken over the past ten years. Staff recommends that the Plan be equipped with strong strategic direction with clear and measurable action items and potential costs to be incurred. It is recommended that the Plan also outline a series of action plans that would be required to allow the updated plan to be effective.	\$105,000	\$89,391	Ongoing
Capacity Building	The Blue Mountains, Town of	Development of a Corporate Energy Plan	To comply with O. Reg. 397/11 that requires municipalities to track energy use annually and update an energy plan every 5 years. This plan will focus on water and wastewater infrastructure - but will include the entire corporation - and will identify energy goals and money saving initiatives.	\$51,000	\$6,708	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Thunder Bay, City of	Asset Management Roadmap	In-depth asset management maturity assessment and customized roadmap in alignment with climatic, social, economic and environmental sustainability goals as well as an Asset Management systems analysis. Prepare draft asset management policy, strategy and governance framework. Implement Asset Management Regulation O. 588/17 including inventory analysis, lifecycle costing, risk modeling, levels of service and financial strategy.	\$240,146	\$0	Ongoing
Capacity Building	Vaughan, City of	Municipal Energy Plan Update	The Municipal Energy Plan (MEP) is a comprehensive long-term plan designed to improve energy efficiency, reduce energy use and mitigate greenhouse gas emissions. The MEP sets targets and provides recommendations to help guide future development, land use planning, growth planning, and City infrastructure planning and management related to energy generation, energy transmission, and Greenhouse Gas emissions reductions.	\$128,750	\$11,596	Ongoing
Capacity Building	Vaughan, City of	Capital Asset Management (CAM) Strategy Update and Roadmap	This project involves updating, refining and expanding the Corporate Asset Management Strategy that originated with the Vaughan Vision 2020 Strategic Plan in 2012, and the 2013 Corporate Asset Management Strategy and Roadmap (Phase 1), in order to align with Ontario Regulation 588/17.	\$355,350	\$28,175	Ongoing
Capacity Building	Vaughan, City of	Energy Audit of Municipal Buildings Throughout the City	Energy audits are being conducted at fire stations, community centres, libraries and other municipal facilities across the City.	\$167,700	\$0	Ongoing
Capacity Building	Vaughan, City of	Traffic Data Collection Inventory	Implementation of map-based systems for linear infrastructure that will improve the accuracy of asset records and efficiency of asset information retrieval and review.	\$329,600	\$0	Ongoing
Capacity Building	Vaughan, City of	Building Condition Audits	This audit provides the necessary information about the existing condition of the city's buildings for the City to plan, prioritize and budget for future renovation/improvement work. With this study, preventive maintenance can be scheduled more effectively to reduce service disturbance to the public.	\$330,000	\$22,400	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	Vaughan, City of	Energy Conservation Program	Involves facilitating energy conservation by identifying and implementing various options for saving energy. Leading awareness programs/monitoring energy consumption/Data Collection & ECM Listings/Energy Audits/Energy Master Plan & Quarterly Reports. (PL-9557-16)	\$100,000	\$1,564	Complete
Capacity Building	Vaughan, City of	Development of a Corporate Asset Management Plan	To develop a Corporate Asset Management Policy and Plan including implementation of an AM Planning software system, Work Order Management System, and gathering data on the City's inventory including condition and operational maintenance schedules.	\$3,044,000	\$145,175	Ongoing
Capacity Building	Wellington, County of	Asset Management Software Implementation	The County of Wellington and the seven member municipalities have agreed to implement the same asset management software to coordinate efforts and find service efficiencies for our residents. The County intends to purchase and implement both the Asset Management and Work Order modules and intends to make use of mobile applications through this software. The main objective of this investment is to improve efficiency and reduce paper records.	\$285,335	\$24,028	Complete
Capacity Building	Wilmot, Township of	Development of a Stormwater Infrastructure Master Plan	This project considers a Master Planning process for the Stormwater network, including conveyance and treatment. It would seek to identify operations and maintenance needs, capital planning and operational and budgetary resources required to ensure the stormwater network is operated and maintained to an environmental standard, and to meet expectations in a growing community.	\$255,000	\$0	Ongoing
Capacity Building	Windsor, City of	Information (Hansen) Infrastructure Management System	The Information Hansen system is used by Public Works and corporately for infrastructure asset management and work order management to track and record infrastructure assets, work order repair histories, inspections, condition ratings and repairs performed. The system is used to manage the road network assets, sewer and drainage networks, bridges, sidewalks, railway grade crossings and private drain connections. The system is also used by Parks Forestry to manage the tree inventory.	\$225,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Capacity Building	York, Regional Municipality of	Expansion and Upgrade of Transportation/Asset Management Systems	Expansion and upgrade of various intelligent transportation systems to support growth, asset management, and improve productivity and customer service. Work involves implementing and supporting construction management systems and asset management systems for roads and fleet, as well as implementing data warehouse functions to build dashboards and reports that support asset management and department operational teams.	\$2,601,000	\$750,008	Complete
Capacity Building	York, Regional Municipality of	Planning of Rapidway Facilities and Terminals	Development Opportunities initiatives are being set up to support the Bus Rapidways Transit System. Work involves advancing rapid transit projects to prioritize remaining unfunded BRT corridors in conjunction with the update of the Transportation Master Plan, completing planning studies for prioritized corridors and initiating a transit-oriented development program.	\$480,403	\$1,795	Ongoing
Community Energy Systems	Ajax, Town of	Installation of EV Charging Stations	Installation of two Dual Output Electric Vehicle Charging stations at the Town Hall parking lot and one Dual Output Electric Charging Station at the Operations Centre parking lot. In an effort to reduce energy consumption and greenhouse gas emissions, the Town of Ajax is involved in the Installation of Electric Vehicle (EV) charging stations that would allow the Town to meet energy conservation goals and help Ajax become a more sustainable municipality.	\$96,347	\$66,347	Complete
Community Energy Systems	Ajax, Town of	Ajax Community Centre & McLean Community Centre - Lighting Retrofit - Phase II	The two facilities have a combined total area of 300,000 square feet. The lighting retrofit is therefore being completed in phases. Phase II involves the replacement of approximately 1,000 existing fluorescent fixtures throughout the facilities. Phase II of the lighting retrofit is expected to reduce greenhouse gas emissions by 9 tonnes at ACC and 3 tonnes at MCC annually.	\$520,000	\$21,726	Ongoing
Community Energy Systems	Ajax, Town of	Replacement of Boilers at the Main Branch Library and Fire Station #2	The Town is replacing the three boilers at the Main Branch Library and Fire Station #2 with new high efficiency condensing boilers with an efficiency of 97%.	\$495,000	\$28,045	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Ajax, Town of	Replacement of Five Rooftop Units at Ajax Community Centre	The five rooftop units utilize R22 refrigerant and were installed during the major expansion in 1990. The rooftop units require replacement as identified in the 2019 energy audit due to age and the phasing out of the R22 refrigerant. The retrofit is expected to reduce energy consumption and greenhouse emissions by an estimated 7 tonnes annually.	\$331,000	\$15,773	Ongoing
Community Energy Systems	Ajax, Town of	Southwood Park Neighbourhood Streetlight Improvement	The scope of work for this project includes the detailed electrical design and construction to convert the existing streetlight system to LED in the Southwood Park Neighbourhood including Simpson Road, Follet Court, Emperor Street, Burcher Road, O'Dell Court, Turnbull Road, Parsons Road, Taylor Road, Foord Road, Gibson Court, Pickering Beach Road, and Preston Court. The streetlight conversion to LED will result in increased energy savings.	\$1,975,000	\$63,605	Ongoing
Community Energy Systems	Ajax, Town of	McLean Community Centre - Pool Filtration System and Pump Replacement	The scope of work includes the removal and replacement of the McLean Community Centre pool filtration system and pumps. The existing system has reached the end of its useful life and is being replaced with new higher efficiency components such as variable frequency drive pumps and automation control that will reduce energy consumption and reduce GHG emissions.	\$650,000	\$0	Ongoing
Community Energy Systems	Ajax, Town of	McLean Community Centre - Replacement of Five Rooftop Condensers	The scope of work includes the removal and replacement of five rooftop condensing units with new condensers and new refrigerant. These rooftop units require replacement due to their condition and age as well as the phase out of R22 refrigerant. The units will be replaced with five new higher efficiency condensing units that will provide a reduction in energy consumption as well as a reduction in GHG emissions.	\$404,656	\$41,148	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Ajax, Town of	Ajax Community Centre Boiler Replacement and Energy Improvements	The proposed scope of work includes the replacement of seven hot water and heating boilers throughout the Ajax Community Centre. These existing boilers have an operating efficiency in the range of 65 -70% and have reached the end of their useful life. These will be replaced with high efficiency condensing boilers that will improve the heating and domestic hot water efficiency. This retrofit is expected to result in a reduction of GHG emissions.	\$610,000	\$47,333	Ongoing
Community Energy Systems	Ajax, Town of	Neighbourhood Streetlight Improvements	This project includes the removal and replacement of existing high pressure sodium street lighting with new poles, mast arms and LED luminaires in various locations within the Town of Ajax, including on Strathy Rd., Burrells Rd. and Lambard Cres resulting in an estimated energy consumption reduction of 45%.	\$510,000	\$196,538	Ongoing
Community Energy Systems	Ajax, Town of	Southwood Park Neighbourhood Streetlight Improvements	The project scope involves the removal of the existing high pressure sodium streetlight system including wire, poles and lights. The new streetlight system includes new buried conduit, wires, concrete poles and LED lights.	\$850,000	\$105,037	Ongoing
Community Energy Systems	Ajax, Town of	Ajax Library Main Branch - Building Improvements	The scope of work includes the design and rehabilitation to the building envelope system at Main Library Branch. Work includes the removal and replacement of the entire roofing assembly, replacement of the Exterior Insulating Finishing System (EIFS) and exterior tile cladding, replacement of the skylights and repairs to the curtain wall assembly, block cladding and miscellaneous structural work.	\$1,759,137	\$26,797	Complete
Community Energy Systems	Ajax, Town of	ACC - Replacement of Air Handling Units	There are seven air handling units located in the mechanical penthouse that were installed during the major expansion of 1990. The units provide heating, ventilation, and air conditioning to various areas of the facility. □ The project involves replacing the seven units with new high efficiency units, which will result in improved heating, cooling, and ventilation efficiency.	\$517,808	\$444,787	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Ajax, Town of	Walkway Lighting Infrastructure Improvements	This project involves conversion of pathway lighting infrastructure to LED technologies (including pole replacements, new wiring, and new luminaires). The goal is to achieve improved lighting quality and consistency on Town pathways as well as energy savings.	\$248,376	\$31,210	Complete
Community Energy Systems	Ajax, Town of	LED lighting upgrades/retrofits – various locations	Design and installation of new LED lights involving street lights on Mills Road from Station Street to Hunt Street, Main Branch library lighting, and parking lot lights at McLean Community Centre.	\$591,895	\$75,270	Complete
Community Energy Systems	Ajax, Town of	Energy Efficient Systems for LEED Certification of Ajax Fire and Emergency Services HQ	This facility has been designed as a Canada Green Council LEED certified building. LEED initiatives at this facility include - green roof, connection of underground cisterns, ground source heat pump, underfloor ventilation, and high efficiency lighting & control system. This facility is projected to use 50% of the energy when compared to a conventional building of this type and size.	\$13,820,000	\$0	Complete
Community Energy Systems	Barrie, City of	Energy Efficiency & Conservation Initiatives at Multiple Facilities	This project is for the retrofit of T8 fluorescent lighting with LED technology to reduce energy consumption. In total 1,669 fixtures and 4,047 T8 fluorescent bulbs were retrofitted to LED technology.	\$161,871	\$59,816	Complete
Community Energy Systems	Belleville, City of	LED Lighting Retrofit - Library First Floor	Light fixtures at the Library are original fixtures from the construction of the facility. Replacement fixtures will provide for both energy efficiencies and the reduction of labour and material to complete repairs to existing fixtures.	\$250,000	\$91,910	Complete
Community Energy Systems	Brampton, City of	Implementation of Energy Reduction Initiatives	An ASHRAE Level 3 audit at the West Tower resulted in the following energy-efficient measures being undertaken: enhancement of the Building Automation System (BAS), energy-efficient lighting retrofits, and a building plug reduction initiative. BAS enhancements and energy-efficient lighting retrofits are also being implemented at other recreation and corporate facilities.	\$560,000	\$127,811	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Brantford, City of	Streetlight Upgrade and LED Conversion	This project is for the conversion of approximately 1500 street lights. The City is converting of 4,500 units of 250 watt high pressure sodium streetlights to LED over a six year period. These represent approximately 30% of the City's inventory, but consume about 50% of the energy. The City anticipates conversion of 500 streetlights per year and an annual energy savings of \$50,000 and possible maintenance savings for longer life LED components.	\$330,000	\$186,413	Ongoing
Community Energy Systems	Brantford, City of	Ashgrove Streetlight Conversion	The City is investing in work to address poles, fixtures, lights, and buried infrastructure replacement with a focus on more energy efficient fixtures in the Ashgrove area. There are approximately 260 streetlights in this area in need of rehabilitation and/or replacement.	\$840,000	\$654,738	Complete
Community Energy Systems	Brantford, City of	Streetlight Upgrade and LED Conversion	Conversion of 4,500 units of 250 watt high pressure sodium streetlights to LED over a six year period. These represent approximately 30% of the City's inventory, but consume about 50% of the energy. The City anticipates conversion of 500 streetlights per year and an annual energy savings of \$50,000 and possible maintenance savings for longer life LED components.	\$990,000	\$554,238	Ongoing
Community Energy Systems	Brantford, City of	Ashgrove Streetlight Conversion	To resolve extensive infrastructure failures in the Ashgrove Area of the City, this L.E.D. upgrade project will implement a multi-year replacement program to replace 100w streetlight fixtures and poles with LED fixtures on new poles and to replace the entire underground infrastructure (ducts, cables, junction boxes, grounds, pedestal power supply, pole breakers, etc. A total of 282 fixtures and poles will be converted to L.E.D.	\$1,174,000	\$20,743	Ongoing
Community Energy Systems	Brockville, City of	Lighting Upgrade at Brockville Public Library	Work to upgrade the lighting on the second floor of the Brockville Public Library was undertaken in 2021. The fluorescent lighting fixtures were upgraded to new LED fixtures. This was to provide better lighting and to increase the energy efficiency of the building.	\$23,827	\$23,827	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Brockville, City of	Replacement/Refurbishment of City Hall (Victoria Hall) windows	Victoria Hall which houses the City Hall is a designated Heritage building and the recommendation to restore the windows came from an energy audit, to provide energy efficiencies and save money on heating and cooling of the building. A Consultant has been retained to ensure that the window retrofits are in accordance with the requirements of the Ontario Heritage Trust.	\$356,263	\$0	Ongoing
Community Energy Systems	Brockville, City of	Brockville Memorial Centre - Solar Roof Installation	The Memorial Centre Solar Project was awarded in early 2010. The City has secured a F.I.T. contract with the Ontario Power Authority. The 221 kW system will be completed late spring 2011 and is expected to generate about 275,000 kWh and earn about \$193,000. □ The carbon offset from this system would be approximately 223 metric tons per year or the equivalent of planting 6,000 trees per year.	\$1,475,876	\$68,673	Complete
Community Energy Systems	Bruce, County of	Installation of Electric Vehicle Charging Stations	Constructing electric vehicle charging stations in Wiarton, Southampton and Kincardine to provide charging for local residents and for tourists.	\$55,682	\$33,448	Ongoing
Community Energy Systems	Cambridge, City of	Energy Retrofits at Galt Arena & Dolson Pool	Work involves replacement of lighting throughout (except over ice), installation of low flow fixtures and toilets, and replacement of the furnace at Galt Arena. Work also involves relamping Dolson Pool and LED lighting installation in the pool area, change rooms and common areas (including lighting controls).	\$381,000	\$173,290	Ongoing
Community Energy Systems	Cambridge, City of	Boiler Replacement - Library (Queen Sq)	The boiler was installed in 1995 and has a 20 year life span. The boiler should be replaced as it is older than its expected life span (23 years old). This project was identified in the 2014 energy audit. Energy savings and GHG reductions will be achieved.	\$249,000	\$28,378	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Clarington, Municipality of	Upgrades to Energy Systems in Community Facilities	This project entails emergency lifecycle replacement of the Rooftop Packaged Heating Ventilation and Air Conditioning units (HVAC-RTU) at Fire Station 1, Fire Station 4, and the Hampton Operations Depot. The new units have an increased Seasonal Energy Efficiency Ratio (SEER rating). Additionally, the existing units contain a refrigerant which is discontinued due to its negative effects on the ozone layer (R22); the new units use a different refrigerant (R410a).	\$60,000	\$21,741	Ongoing
Community Energy Systems	Clarington, Municipality of	Community Facilities Energy Systems Upgrades	In Rickard Recreation Complex - Supply and installation of two air curtains to keep warm air in and cold air out when doors are opened to improve heating efficiency.□ □ In South Courtice Arena - upgrade and replacement of heat pumps to service many areas of the facility for heating and air conditioning parameters.□ □ In Courtice Community Centre - Replacement of insulation, hot water equipment and components, and a skylight panel to improve heating and air conditioning efficiencies.	\$716,408	\$60,317	Ongoing
Community Energy Systems	Dubreuilville, Township of	Street Light Replacement	Replacement of 45 old street light fixtures with new LED light fixtures. By upgrading our existing streetlights to LEDs, the projected annual energy consumption of our street lights falls substantially to 7,348 kWh, resulting in 28,003 kWh of energy savings annually, equivalent to a 79% reduction.	\$97,708	\$97,708	Complete
Community Energy Systems	Dufferin, County of	Installation of Electric Vehicle Charging Stations	As part of our ongoing commitment to climate change, 24 electric vehicle charging stations were installed throughout the County. In conjunction with our lower tier partners, these public access charging stations were installed to support our community as it transitions to electric vehicles.	\$475,440	\$286,166	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Durham, Regional Municipality of	Energy Efficiency Retrofits for Durham Region Local Housing Buildings	This project enhances the building envelopes of two residential properties providing housing to 270 low income seniors under the Durham Regional Local Housing Corporation portfolio. These enhancements will reduce energy consumption, reduce GHG emissions and improve tenant comfort. The projects include comprehensive over-cladding at 155 King and window replacement and installation of a Building Automation System at 315 Colborne. The re-cladding at 155 King will augment the energy retrofits.	\$5,400,000	\$10,500	Ongoing
Community Energy Systems	Halton Hills, Town of	Town Hall Phased Replacement of Heat Pumps	Town Hall phased heating and cooling provided through a system of 52 heat pumps of various sizes. Heat pumps now at the end of their life cycle. Several pumps require major repairs each year. After review with Facilities and Purchasing staff, recommendation to replace all remaining 50 heat pumps with a more energy, cost and operating efficient heat pumps and system. New units will be compatible with Town hall Design Brief recommendations and net zero objectives.	\$505,000	\$0	Ongoing
Community Energy Systems	Halton, Region of	LED Streetlight Replacement	Conversion of existing streetlights to LED streetlights resulting in savings, reduced maintenance and reduced carbon footprint	\$3,300,000	\$278,142	Ongoing
Community Energy Systems	Hamilton, City of	Traffic Signal LED Lighting Upgrade	To re-lamp the non-LED traffic signals in the City of Hamilton with LED bulbs to maintain the luminous intensity of the light output of the traffic signal indications and to change the bulbs before critical failure of the infrastructure which in turn reduces overall maintenance costs of the asset.	\$200,000	\$0	Ongoing
Community Energy Systems	Iroquois Falls, Town of	Street Light Upgrade	The project consists of a street lighting system upgrade to LED fixtures. This upgrade is anticipated to reduce street lighting energy consumption by 35%.	\$1,020,972	\$64,963	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Kitchener, City of	91 Moore - Sustainable Building Improvements	<p>Replace building exterior components to improve energy use. □</p> <p>□</p> <p>In advance of the purchase of 91 Moore Ave, a Building Condition Assessment (BCA) was completed to understand the asset conditions & long-term maintenance needs. Recommendations for improvement were provided in a detailed report. The significant body of work required to improve the energy performance of the building envelope include a number of cladding system repairs, replacement of original windows and two sloped roof sections.</p>	\$3,098,160	\$943,750	Ongoing
Community Energy Systems	Leamington, Municipality of	LED Streetlight Conversion	The conversion to LED bulbs in our street lights allows for a longer useful life and large savings in energy consumption. LED lights contain no toxic chemicals and are 100% recyclable, allowing us to reduce our carbon footprint. LED lights brighten up immediately and when powered on, which has great advantages for infrastructure projects such as streetlights.	\$1,300,000	\$5,887	Ongoing
Community Energy Systems	London, City of	Energy-Efficiency Improvements in Various City Facilities	To mitigate the effects of rising utility costs and to reduce resource consumption through strategic efficiency upgrades to various City of London facilities. Uses of the fund include: energy audits and conditions studies for plan development and success tracking, supplementation of lifecycle renewal projects to include premium efficiency equipment and completion of standalone efficiencies projects. Replace existing lighting fixtures with new energy LED fixtures at AJ Tyler Operations Centre.	\$1,000,000	\$129,825	Ongoing
Community Energy Systems	London, City of	Organic Rankine Cycle (ORC) - Greenway Pollution Control Plant	Install an Organic Rankine Cycle (ORC) system at Greenway Pollution Control Plant. Annually, 17,000 dry tonnes of biosolids are incinerated at the plant, producing heat for the buildings. The ORC system will convert that heat to electricity. It is projected to produce 475 kW of electricity, saving the City \$600,000 per year in electricity costs. This process is expected to displace 3.75 GWh of electrical consumption from Ontario's power grid, equivalent to 475 residential homes in London.	\$11,000,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	London, City of	Facility Energy Management in various City Locations	Reduce energy consumption at various recreation facilities by replacing existing fixtures with new energy efficient LED fixtures saving approximately 1,000-3,000 kWh at each facility. Also replace existing metal halide fixtures and interior fluorescent fixtures with new energy efficient fixtures at the AJ Tyler operations garage bay and main building saving 21,000 kWh.	\$4,022,874	\$0	Complete
Community Energy Systems	Markham, City of	Floodlight, Pole, and Cross Arm Replacement in Local Parks	Floodlights, poles and cross arms at parks due for replacement based on condition assessment and to avoid untimely outages. This project involves the rehabilitation, removal and disposal of existing poles and floodlights, and supply and installation of new energy-efficient poles, cross arms and floodlights. The floodlights, poles and cross arms are being replaced with more efficient halogen and environmentally friendly bulbs.	\$820,700	\$17,850	Ongoing
Community Energy Systems	Markham, City of	HVAC Replacement at the Markham Flato Theatre	Replacement of the HVAC equipment and Building Automation System at the Markham Flato Theatre. The new system is being connected to Unionville High School/Markham District Energy to distribute heating, cooling, and fresh air into the theatre, saving a lot more energy than the original 37 year old system.	\$2,192,000	\$1,395,571	Ongoing
Community Energy Systems	Markham, City of	Replacement of Floodlights, Poles & Cross Arms at Armadale, Bishops Cross and Highgate Parks	Floodlights, poles and cross arms at three parks due for replacement based on condition assessment and to avoid untimely outages. This project includes the repair, removal and disposal of existing poles and floodlights, and supply and installation of new poles, cross arms and floodlights. . The floodlights, poles and cross arms are being replaced with more efficient halogen and environmentally friendly bulbs.	\$891,163	\$0	Complete
Community Energy Systems	Mississauga, City of	Replacement of Existing Lighting with Energy-Efficient Lighting Fixtures at City Hall	Replacement of existing lighting with energy-efficient lighting fixtures at City Hall on levels G, P1, P2 and public corridors.	\$710,000	\$4,563	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Mississauga, City of	Retrofit and Refurbishment of Air Handling Units at Mississauga Civic Centre	This project will improve the energy efficiency of the overall building. Work involves retrofitting 10 Air Handling Units (AHUs) and replacing 1 AHU. These AHUs are original to the building, are over 30 years old and contain deteriorated components that result in additional energy loss (e.g., corroded pans, sections leaking conditioned air, and damaged heating/cooling coils). Replacement AHUs use more up-to-date technology and are generally more energy-efficient.	\$1,696,000	\$1,325,079	Ongoing
Community Energy Systems	Mississauga, City of	Roof replacement at City Hall	The existing roof system was replaced with roof assembly systems that had a better Insulation R value. Insulation R values were increased from R15 (existing) to a range varying between R20–R35. This helps to improve the overall thermal performance of the building.	\$5,386,269	\$6,222	Complete
Community Energy Systems	Mississauga, City of	Replacement and Rehabilitation of Streetlighting	The City is installing new LED light standards, rehabilitating hydro infrastructure, relocating light poles, and replacing post tops. Pole replacement is on Dundas St E from Franze Drive to Camilla Road. Post tops are being rebuilt on Orlando Drive and Viscount Road. Streetlighting is being rebuilt on the Creditwoodlands and Flannigan Crescent. Pedestrian crossing streetlights are being installed at 2014 Homelands Drive and numerous other locations.	\$963,790	\$0	Ongoing
Community Energy Systems	Mississauga, City of	Lighting Renewal and Upgrades at Various Facilities	This project involves the replacement of lighting at the front exterior entrance of the Paramount Fine Foods Centre as well as lighting upgrades inside the facility. Lighting is also being upgraded at the Iceland and Meadowvale 4 Rinks arenas and the Living Arts Centre. These upgrades and retrofits reduce energy consumption and costs over the life time of the systems.	\$1,676,032	\$98,976	Ongoing
Community Energy Systems	Mississauga, City of	Citywide LED Retrofit of Streetlights	A citywide project to replace all current city street lighting infrastructure with LED technology. Approximately 49,000 lights are being replaced.	\$30,450,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Oakville, Town of	Streetlights Rehabilitation & LED Conversion	Completion of an infrastructure assessment and installation of new lighting in unlit/in-filling areas and replacement/repair of streetlight system deficiencies identified by needs assessment. The goal is to replace high intensity discharge streetlighting fixtures, i.e., high pressure sodium lights, and other high energy consumption fixtures with LED high energy efficiency technology over a number of years.	\$520,000	\$0	Ongoing
Community Energy Systems	Oshawa, City of	LED Lighting Upgrades	To upgrade aged lighting infrastructure across the City to energy efficient LED lighting. Existing lighting infrastructure throughout the City's facilities and parking lots are aged and need to be upgraded to a more energy efficient system. This project initiative aligns with the 2019-2023 Corporate Facilities Energy Management Plan to conserve energy consumption and reduce greenhouse gas emissions across the City's Corporate Facilities.	\$100,000	\$52,333	Ongoing
Community Energy Systems	Oshawa, City of	Retrofit of Waste Heat Recovery Unit at Delpark Homes Centre	The City is retrofitting the waste heat recovery system at the Delpark Homes Centre. Replacing the unit will allow heat recovery created by the compressors to be used to assist in preheating the waters for the existing boilers and reducing the energy consumption from the boilers.	\$150,000	\$70,858	Ongoing
Community Energy Systems	Oshawa, City of	Replacement of Windows, HVAC & Air Distribution System at Fire Hall #1	Replace windows at Fire Hall #1 with more energy efficient windows. The existing windows are 40 years old and are beyond their useful life. Window seals are deteriorated resulting in water penetration and heat loss. □ Replace the existing HVAC System with new energy efficient equipment. The current HVAC system is insufficient based on recommendations from a July 2016 consultant report.	\$1,150,000	\$45,689	Ongoing
Community Energy Systems	Oshawa, City of	Replacement of Dehumidification Systems at Delpark Homes Centre	Replace the two dehumidification systems that service four ice pads at Delpark Home Centre with more energy efficient equipment. The existing systems have exceeded their useful life.	\$787,050	\$712,602	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Oshawa, City of	Replacement of the HVAC System at Oshawa Executive Airport	Replace the existing rooftop units that service the Oshawa Executive Airport Terminal as they do not meet the intended building use. The replacement includes resizing terminal units, installing new boiler pumps, installing variable frequency drives, adding a building automation system, and adding zoned temperature controls resulting in energy savings.	\$1,116,172	\$496,621	Complete
Community Energy Systems	Oshawa, City of	Replacement of Rooftop HVAC Units at Animal Services Building	Remove and replace three rooftop HVAC units at Animal Services with more efficient units, reducing operating and maintenance costs. The existing units have exceeded their useful life.	\$165,000	\$165,000	Complete
Community Energy Systems	Oshawa, City of	Replacement of Chiller and Associated Equipment at the Civic Recreation Complex	To remove the existing aged chiller and associated equipment at the Civic Recreation Complex and replace it with energy-efficient equipment.	\$259,218	\$72,372	Complete
Community Energy Systems	Pickering, City of	Replacement of Lighting at Dunmoore Tennis Court with LED Fixtures	Replacement of existing tennis court poles, lights, wiring and installation of new LED fixtures. The project will result in energy savings from the conversion to LED lighting. Existing lighting systems are metal halide.	\$300,000	\$5,268	Ongoing
Community Energy Systems	Pickering, City of	Dr. Nelson F. Tomlinson Community Centre - Replacement of Rooftop HVAC Units	Lifecycle replacement of rooftop HVAC units AC-1, AC-2, AC-3, and AC-5, as well as the surrounding flat roof at Dr. Nelson F. Tomlinson Community Centre. All units and the flat roof are original, installed in 1997. Replacements are more energy-efficient.	\$280,000	\$147,034	Ongoing
Community Energy Systems	Pickering, City of	George Ashe Library & Community Centre - Replacement of Rooftop HVAC Unit	Lifecycle replacement of existing rooftop unit #1 at the George Ashe Library and Community Centre, serving the common areas. The existing unit is original, and was installed in 2000. The replacement is more energy efficient. Work includes controls upgrades and related work. Upgraded units will ensure the equipment is connected to the city's central building automation system for remote monitoring and adjustment.	\$195,000	\$95,072	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Pickering, City of	Bay Ridges Kinsmen Park Southeast & Southwest - Baseball Field Lighting Replacement to LED	Work involves the design and replacement of old metal halide (non LED) lighting with new LED lighting. The lights at the southeast diamond were installed in 2000; southwest diamond in 1981. Both require replacement, including new poles and wiring. The lights at these two diamonds are installed on older shorter re-purposed street light poles. This causes uneven lighting of the diamond and outfield and has been identified by some as a safety issue.	\$700,000	\$164,602	Ongoing
Community Energy Systems	Pickering, City of	Chilled Water System Pump Replacement at the Civic Complex	The main objective is to upgrade high energy efficient equipment in municipal buildings and to ensure life cycle replacement of the 29-year old pumps. Work includes preparation of engineering drawings, design, development of specifications for replacement of the chilled water and condenser pumps, and supply and installation of new chilled water and condenser systems pumps.	\$110,000	\$39,754	Ongoing
Community Energy Systems	Pickering, City of	Energy Retrofits in Multiple Buildings	This project is for various energy-saving retrofits and investments: rebuilding the refrigeration plant at O'Brien Arena, upgrading air handling units in municipal buildings, replacing the main chiller plant, boilers and tanks at community centres with energy-efficient equipment, and converting lighting fixtures in fire halls to LED fixtures. The objective of this project is to reduce energy consumption, extend the life of assets, and complete lifecycle replacement.	\$1,580,000	\$20,620	Complete
Community Energy Systems	Richmond Hill, City of	Implementation of Energy Conservation Opportunities - Phase 1	The City is implementing energy conservation opportunities across 13 of the City's high energy usage facilities. The project includes re-commissioning, interior light retrofits, installing low-e ceiling, installing occupancy sensors, installing variable frequency drives (VFDs) for rooftop units, air handling units, and air conditioning units, glycol pump VFD as well as water deaerators. When complete, this project is estimated to yield energy savings of 6.7m kWh/yr.	\$1,121,200	\$113,643	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Richmond Hill, City of	Replacement of HVAC and Pool Systems with Energy Efficient Equipment at Elgin West Community Centre	Replacement of aging HVAC and pool mechanical components with energy efficient equipment at Elgin West Community Centre in Richmond Hill to support energy conservation and greenhouse gas emission reductions.	\$125,000	\$717	Complete
Community Energy Systems	Richmond Hill, City of	Replacement of HVAC and Arena Systems with Energy Efficient Equipment at the Tom Graham Arena	Replacement of aging HVAC and arena components with energy efficient equipment at the Tom Graham Arena in Richmond Hill to support energy conservation and greenhouse gas emission reductions.	\$600,000	\$0	Complete
Community Energy Systems	Richmond Hill, City of	Replacement of Mechanical & Electric Systems with Energy Efficient Devices at the Operations Centre	Replacement of aging mechanical and electric building components with energy efficient equipment at the Richmond Hill Operations Centre to support energy conservation and greenhouse gas emission reductions.	\$1,925,000	\$0	Complete
Community Energy Systems	Richmond Hill, City of	LEED Upgrades to new Civic Centre	This project involves LEED upgrades to Richmond Hill's new 242,154 sq ft Civic Centre.	\$765,542	\$0	Ongoing
Community Energy Systems	Richmond Hill, City of	Multi- Facility Lighting Retrofit	The Multi Facility Lighting Retrofit Project converts conventional lighting equipment to energy efficient lighting equipment at 12 municipal facilities in Richmond Hill, resulting in lower energy usage.	\$2,243,234	\$23,024	Complete
Community Energy Systems	Richmond Hill, City of	Streetlight Conversion to LED	The conversion of 11,700 of Richmond Hill's streetlights to LED technology will save money and lead to reduced energy usage and greenhouse gas emissions.	\$9,000,000	\$4,180,219	Complete
Community Energy Systems	Scugog, Township of	Installation of an Electric Vehicle Charging Station	Installation of an electric vehicle charging station to promote sustainable, low emission travel in the Township in support of the Durham Community Energy Plan. A single unit with dual hookups to charge two vehicles was installed.	\$90,000	\$0	Ongoing
Community Energy Systems	South Frontenac, Township of	Energy Audits and Energy Retrofits in Township Facilities	We are converting existing old style inefficient lighting to LED in Township facilities with main focus on the public works garage at Keeley Road. Some of the new fixtures have built-in occupancy sensors and other areas are controlled by wall type occupancy sensors. Selection of the fixtures is based on Hydro One's retrofitting program.	\$225,000	\$9,215	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	St. Catharines, City of	LED Lighting Conversion Ontario Street Parking Garage	Lighting upgrades to LED technology at Ontario Street Parking Garage to provide customers with better, energy-efficient facility lighting. Upgrade will also deliver lighting at a lower cost.	\$300,000	\$167,479	Complete
Community Energy Systems	Thunder Bay, City of	Street Lighting Conversion to LED	This project involves the conversion of 2,665 street lights to LED. The energy use annually is 7,062,817 kilowatt hours. Yearly consumption is expected to decrease by an estimated 502,000 kilowatt hours after conversion.	\$1,711,800	\$70,303	Ongoing
Community Energy Systems	Vaughan, City of	Street Light Pole Replacement at Various Locations Across the City	Replacement of damaged/deficient street light poles and associated components and/or wiring where required (an estimate of 50 poles per year). The City conducts a pole inventory, determining the condition of the poles. Poles identified as being in poor condition in the report are replaced. Replacements support upgrades for newer energy-efficient technology (e.g. LED).	\$1,162,702	\$6,061	Ongoing
Community Energy Systems	Vaughan, City of	Streetlight Conversion to LED	Replacement of 20,800 residential high pressure sodium (HPS) street lights with LED lighting.	\$4,650,000	\$66,957	Ongoing
Community Energy Systems	Vaughan, City of	Installation of Energy-Efficient Components Meeting LEED Standards in New Civic Centre	The new Civic Centre will be constructed to a minimum of LEEDS silver standards. GT Funds used for the energy efficient components of the new build such as, HVAC improvements, green roof, lighting.	\$140,695,378	\$0	Ongoing
Community Energy Systems	Wilmot, Township of	HVAC System Replacement at Admin Complex	This project involves the design and installation of replacement HVAC equipment including the cooling tower, rooftop air handling units, condensing boilers, heat pumps and other related pumps at the Township's Administration Complex. □ This investment in modern equipment will reduce overall energy consumption at the Township Administration Complex, while ensuring appropriate air quality is maintained in an efficient and effective manner.	\$837,775	\$550,216	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Community Energy Systems	Woodstock, City of	Sportsfield LED Lighting Upgrade	The City is upgrading the outdoor lighting at Southside Park and Tip O'Neil Park to LED lighting which will provide a safer and more welcoming environment. LED lighting will also reduce energy consumption and operating costs for the City.	\$380,000	\$252,877	Ongoing
Community Energy Systems	Woodstock, City of	Upgrade of HVAC Systems in Garage Bays at the Police Station	Upgrade HVAC system to provide better energy conservation and reduce the use of fossil fuels. It is expected that the system will provide 10%-15% savings in energy use.	\$25,000	\$0	Ongoing
Community Energy Systems	Woolwich, Township of	Woolwich Memorial Centre Lighting Retrofit	The Township is replacing the existing light fixtures on the exterior of the Woolwich Memorial Centre (WMC), including the perimeter, parking lot and pathways as well as replacing natatorium lighting in the pool area. The project involves replacing various light fixtures on the exterior of the WMC ranging from 59W to 400W with new LED fixtures ranging from 35W to 147W and replacing 400W lighting in the WMC pool area with 100W to 122W LED Lights. The new LED lights will provide energy savings.	\$97,828	\$90,713	Complete
Culture	Brockville, City of	City of Brockville Clock Tower Refurbishment	<p>City Hall's clock tower is a valuable and iconic piece of infrastructure in our community. Over the years, the clock tower has succumbed to weather and natural degradation. Multiple esthetic and structural components are rotten. □</p> <p>□</p> <p>This project involves the replacement or refurbishment of degraded wooden elements, refurbishment of the original iron clock face components, installation of a new bell striker mechanism and new back lighting, and other improvements.</p>	\$98,909	\$98,909	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Culture	Brockville, City of	Stage Improvements at the Brockville Arts Centre	<p>The stage is in poor condition, it is not flat and is a trip factor in its present condition. The lift does not operate currently and the parts are not serviceable to repair.□</p> <p>□</p> <p>Work involves removing the decking on the stage, applying neoprene to the top of the stage framing (a sound deadener), and replacing decking on the stage. The lift will also be replaced to make the stage accessible.</p>	\$37,685	\$0	Complete
Culture	Brockville, City of	Restoration of Canada's First Railway Tunnel	Canada's First Railway Tunnel was completed in 1860 for the Brockville and Ottawa Railway and later owned by the Canadian Pacific Railway until being acquired by the City of Brockville in 1983. Our historic Tunnel is a remarkable example of Canada's pre-Confederation industrial heritage that our innovative restoration project has repurposed for recreation, tourism and economic development.	\$2,789,970	\$139,498	Complete
Culture	Burlington, City of	Construction of the Elgin St Promenade - Phase 4	The project is located in Downtown Burlington. The objective is to revitalize the downtown area to a great "people" place with organic elements, safety, convenience, and an ability to connect with the community. Work involves the construction of a concrete pathway for walking, pavilion or shelters for gathering, solar lighting, share areas, art installation, bike racks, water fountains and water misters for relief from warm temperatures, and open and versatile space for pop-up events, etc.	\$1,267,000	\$439,591	Ongoing
Culture	Cobalt, Town of	Preservation of Heritage Sites	The Cobalt Mining Camp has a Federal Historic Heritage Designation. To maintain the quality of our Museum, Headframe/Tourist Information structure and Library/Drummond Cairn display - and to ensure the safety of the visiting public - physical rehabilitation efforts are required. Work also involves removing safety hazards at our Classic Theatre and retrofitting / upgrading our Community Hall building (formerly the first YMCA building in Ontario).	\$110,000	\$23,963	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Culture	Guelph, City of	Historic Drill Hall Renewal	Stabilization of heritage building, known locally as the Drill Hall. The building previously functioned as a military drill hall, until it was turned over to the province in the 1960s. It was returned to the City in 2019 and designated as a Heritage Asset. The long-term use of the building is still being determined, current work is ensuring the building is stable and secure until such time as the future use is determined.	\$5,100,000	\$697,286	Ongoing
Culture	Guelph, City of	Improvements to the Historical City Hall	This work identifies key capital work at the facility to address life cycle needs. Improvements include window replacement, capacitor replacement in the uninterruptible power supply system, front door restoration, carpet replacement, and flooring replacement. This work maintains the facility in a state of good repair and is essential to support the City's building management model.	\$1,530,000	\$156,260	Ongoing
Culture	Guelph, City of	Culture Facilities Renewal Museum Facade Restoration	Facility renovations and life cycle renewal activities at cultural facilities such as the River Run Centre, the Farmers Market and Guelph Museums. Work includes building envelope improvements at the River Run Centre and the replacement of failing infrastructure to provide reliability and meet approved levels of service.	\$2,661,400	\$51,532	Complete
Culture	Guelph, City of	Renewal and Upgrades to Culture Facilities	This project involves upgrading and renewing lighting and sound equipment in the River Run Centre (to continue to provide an exceptional level of programming) and upgrading elevators, washrooms and the kitchen in the Main Library Branch.	\$1,893,000	\$7,339	Complete
Culture	Hamilton, City of	Valley Park Library Expansion	To construct a new and expanded Valley Park Library on the site of the current Valley Park Community Centre. With the large growth in population on the Stoney Creek Mountain, the current 3,100 sq ft library is inadequate. The library is therefore being at least doubled in size.	\$8,699,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Culture	Hamilton, City of	New Library Construction in Greensville	The Greensville Branch is currently in a leased facility with operating costs of \$38,000 per annum. To replace this facility, the Hamilton Public Library, City of Hamilton, and the Hamilton-Wentworth District School Board are building a new library on the site of the future Greensville Elementary School (625 Harvest Rd, Greensville). This will create an important community hub and provide opportunities to increase library usage in Greensville and grow the next generation of readers.	\$3,675,000	\$0	Ongoing
Culture	Hamilton, City of	Capital Renewal Hamilton Farmer's Market	To replace end of life infrastructure and equipment - including the ventilation and HVAC systems - at the Hamilton Farmer's Market which has been identified as priority for tenants and patrons. The market was established in 1837 and remains an important meeting place for the community.	\$550,000	\$383,020	Ongoing
Culture	Hamilton, City of	Central Library Window Replacement	To replace the 36 year old windows at Central Library, where there are currently structural concerns posing a risk to health & safety.	\$3,776,000	\$0	Ongoing
Culture	Hamilton, City of	Ancaster Art & Culture Centre Renovation	Through renovation and expansion of a historical schoolhouse, the Arts Centre will be able to provide the community with dance studios, music studios, theatre and music rehearsal space, film screening rooms, visual art studios, storage, a 160 seat studio theatre, and a 450 seat theatre exclusively for community use.	\$22,015,000	\$0	Ongoing
Culture	Hanover, Town of	Renovation of Town of Hanover Theatre/Community Hall	The theatre/community hall is the original structure from 1937. The existing wiring has not been updated since being built and there is no insulation in the exterior of the building creating the inability for efficient heating/air conditioning in this building. Upgrades will achieve Ontario Building Code and Health and Safety standards such as fire separation, sprinkler system, accessibility, HVAC issues, electrical upgrades, insulation and upgraded theatre equipment.	\$1,205,823	\$234,400	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Culture	Kitchener, City of	Improvements to City Hall Outdoor Spaces	Carl Zehr Square and surrounding outdoor amenities were built in 1993. Each year 10,000+ people use spaces around city hall to attend large events like the Kitchener Blues Festival, smaller events like Discovery Square, skating on the outdoor rink or taking a lunch break at one of the various seating areas. 25+ yrs later, many of the infrastructure components are in need of repair, retrofit, or replacement. This project improves infrastructure components in the square and surrounding areas.	\$14,000,000	\$2,602,328	Ongoing
Culture	Kitchener, City of	Roofing Replacement: Recreation & Culture Facilities	A number of recreation facilities have roofs systems that are nearing the end of their useful lives. This project would replace roof assemblies based on the condition assessment completed in 2016. □ □ Replace the roofs at Homer Watson Gallery, Rockway golf course and Wilson Pool.	\$352,573	\$0	Complete
Culture	Kitchener, City of	Centre in the Square Upgrades 2019-2021	The Centre in the Square is Waterloo Region's largest and busiest performing arts centre. The main hall is acknowledged as a technically state-of-the-art theatre making it acoustically superior and widely regarded as one of the finest performance spaces in North America. The building requires significant capital upgrades involving roofing, an AODA washroom, dressing room upgrades, loading dock renovations, and LED lighting upgrades in public and production areas.	\$2,187,619	\$348,189	Complete
Culture	Mississauga, City of	Meadowvale Theatre - Facility Renewal	The purpose of this project is to complete deferred maintenance and mechanical lifecycle upgrades to Meadowvale Theatre. This includes energy-efficient mechanical units for the main auditorium (approx. 380 seating capacity) supplying heating, cooling and fresh air as well as the replacement of two smaller units that supply the lobby and office spaces. This includes a new building automation system for mechanical unit controls, further increasing efficiencies and energy reductions.	\$530,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Culture	Mississauga, City of	Meadowvale Theatre Renovation	The purpose of this project is to complete a renovation to the existing Meadowvale Theatre to improve the quality of the cultural services provided to residents and create broader performing arts opportunities. The renovation will address deferred maintenance, life cycle upgrades and aesthetic enhancements to the buildings interior and exterior spaces providing for a greater street presence while improving building accessibility and energy efficiencies.	\$6,382,700	\$2,904,011	Ongoing
Culture	Mississauga, City of	Erin Meadows Plaza Redevelopment	The project involves the design and redevelopment of the Erin Meadows Library entry plaza into a new outdoor, programmable space for library activities and children, youth, and adult programs to take place outside. This will allow library staff and patrons to expand the library experience to the outdoors and offer special spaces for other community activities.	\$500,000	\$0	Ongoing
Culture	Mississauga, City of	Design and Installation of Belfry Tower for the Meadowvale Village Hall	Design and construction of the belfry tower that was original to the Meadowvale Village Hall. The bell tower is being designed and constructed in place. The property was designated, by the City of Mississauga in 1980, for its heritage value, under Part IV of the Ontario Heritage Act, By-law 453-80. The residential structure has an historic association with the mid nineteenth century development of the Village.	\$110,000	\$86,747	Complete
Culture	Mississauga, City of	Elevator Modernization at the Living Arts Centre	Modernization of elevator #3 at the Living Arts Centre located at 4141 Living Arts Drive, Mississauga, Ontario. The elevator controller, power and door locks and hardware are being replaced. The doors for the elevator are being replaced at every level. Elevator floor indicators are being installed at every level.	\$254,935	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Culture	Mississauga, City of	Cultural Heritage Replacements	Replacement of floors and washrooms at Bradley Museum and improvement of facade at Small Arms Inspection Building (SAIB) to come into compliance with the Ontario Heritage Act. Work also involves improvements in the Living Arts Centre, particularly door replacements at the loading dock, door replacements to satisfy accessibility requirements as well as flooring and soundproofing to ensure that the facility remains in good condition.	\$166,667	\$1,133	Complete
Culture	Mississauga, City of	Mechanical & Structural Replacements at the Living Arts Centre, Clarke Memorial Hall, etc.	The Culture Facilities Restoration program maintains the integrity of the heritage features for mechanical and structural components. It involves replacing the diesel fire pump at Living Arts Centre, Elevator and Roof Replacement at Clarke Memorial Hall. In addition, enhancement to the Civic Centre Lighting meets expectations of community group events such as LED multi color lighting and/or installation of an image projection system.	\$2,920,516	\$0	Complete
Culture	Oakville, Town of	Museum Coach House Renovation	The Coach House, a heritage building on the Erchless Estate, is being redeveloped as an extension of the Oakville Museum's exhibition and programming space based on a consultant report. Enhancements include a new accessible washroom, updated utilities and sewer service, multi-functional indoor/outdoor programming space for the carriage space (doubling the museum's existing capacity) and restoration of the cottage for historic recreations and artist-in-residence programming.	\$2,750,000	\$1,648,349	Ongoing
Culture	Oshawa, City of	HVAC Modification at Robert McLaughlin Gallery	Complete consultant's recommended HVAC modifications at the Robert McLaughlin Gallery for the purposes of temperature and humidity control.	\$562,950	\$205,200	Ongoing
Culture	Richmond Hill, City of	Central Library - Mechanical & Electrical Improvements	The renewal of aged and failed equipment will improve the indoor air quality within the facility and will result in approximately 10% energy savings.	\$1,650,000	\$26,631	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Culture	Richmond Hill, City of	Heritage Centre Renovations	Project is to perform interior renovations to open up the space in the Heritage Centre. The renovations will improve program delivery options and improve visitor flow through the exhibits and program rooms. The renovations and upgrades are to generate greater awareness, interest and boost participation in programs and events. The current base of approximately 5,000 visitors will continue, with a projection of doubling the attendance over the next five years.	\$596,500	\$0	Ongoing
Culture	Richmond Hill, City of	Heritage Building Assessment & Renovations	The scope of work involves creating engineering drawings and specifications required for the restoration of various heritage buildings, followed by renovations.	\$420,000	\$28,226	Complete
Culture	Sarnia, City of	Improvements to the Accessible Ramp at Lawrence House	To upgrade the AODA ramp. The current Lawrence House ramp allows for access into the basement of the art gallery and allows patrons to use the elevator to access upper floors. Currently, the ramp is not within Design of Public Space Standards and is causing issues due to water overflowing from the ramp into the Lawrence House. Furthermore, the current drain flows into private property, causing overflow issues.	\$240,000	\$168,511	Complete
Culture	Sarnia, City of	Replacement of Air Handlers, Cooling Tower, and Plumbing at the Sarnia Library	The two air handlers and cooling tower at the Sarnia Library have reached the end of their life cycle and require replacement. Additionally, an electrical engineer (independent consultant) is being hired to inspect and make recommendations for required electrical upgrades. The second phase of the project involves removing and replacing the two existing inefficient boilers and connected plumbing, electrical upgrades, and asbestos abatement in the mechanical room.	\$845,000	\$481,839	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Culture	Waterloo, City of	Construction of East Side Branch Library	<p>This project represents the construction of a new library branch on the east side of the City of Waterloo. It will be built in the same location as the RIM Park Manulife Financial Sportsplex and Healthy Living Centre ("RIM Park"), one of the City's main recreational facilities.</p> <p>The new one-storey East Side Branch Library ("ESBL") will be located on the south-east side of the existing RIM Park. In total, the ESBL will have a floor area of approximately 15,500 sq.ft (1,440 sq.m).</p>	\$10,478,223	\$412,575	Ongoing
Culture	Wilmot, Township of	Emergency Roof Replacement at New Hamburg Library	Emergency roof replacement at the New Hamburg Library. The investment into the roof structure at the New Hamburg Library will extend the useful life of this important element of the New Hamburg community for many years to come.	\$75,561	\$36,871	Complete
Culture	Windsor, City of	Willistead Complex Capital Improvements	Capital improvements consisting of front courtyard restoration, the Paul Martin terrace, foundation waterproofing, capstone and grate work designed to maintain the operational integrity of this heritage complex.	\$610,000	\$0	Ongoing
Disaster Mitigation	Barrie, City of	Reconstruction of Dunlop St (from East of Eccles St to Toronto St)	Reconstruction of Dunlop Street (from 120 m east of Eccles Street to Toronto St) and the Kidd's Creek outlet culvert and overland flow path (from Dunlop St to Bradford St at Simcoe St). Work involves road reconstruction, watermain replacement, local storm sewer replacement, sanitary sewer replacement, and work on the outlet culvert and overland flow path. The culvert and channel capacity are exceeded during major storm events and are being redesigned to convey a 100 year storm event.	\$7,082,897	\$2,481,629	Ongoing
Disaster Mitigation	Brantford, City of	Colborne Street Slope Stabilization	This project entails the construction of mitigation measures, including slope stabilization for the landslide area along Colborne Street. Measures include: Installation of a rock toe protection along the Grand River; Installation of rock conduit to facilitate draining of the lower slope and lower the groundwater; Installation of an overland flow/drainage strategy including collection trenches, slope drainage pipes and culverts under the existing rail trail.	\$1,200,000	\$28,961	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Disaster Mitigation	Grimsby, Town of	Coronation Park - Forty Mile Creek Erosion Protection	Construction of armourstone erosion protection of Forty Mile Creek in Coronation Park. Approximately 50 m of the west creek bank needs to be protected with armourstone retaining wall, rip rap, and geotextile fabric. Various amenities (e.g., bench seating incorporated into the protection wall) are also being implemented. Work includes design and construction. This will protect the creek/shoreline and mitigate the risk of property damage to recreational facilities caused by erosion/water damage.	\$280,000	\$5,344	Ongoing
Disaster Mitigation	Grimsby, Town of	Whittaker Park Renewal and Pumphouse Shoreline Improvements	Shoreline improvements are required between Whittaker Park/Beach and Elizabeth St Pumphouse to protect bluff from erosion. Work involves the completion of an environmental assessment (Municipal Class EA, Schedule C) to obtain public input, design, demolition of the Conservation Club building and restoration of the space as parkland, construction of a revetment from Whittaker Beach to the Pumphouse Pier, and construction of an accessible look out point.	\$3,726,000	\$0	Ongoing
Disaster Mitigation	Grimsby, Town of	Shoreline Protection 3rd/6th/9th Streets, Outlet 7-3	The objective of the project is to control erosion of the Lake Ontario shoreline. The Town's Lake Ontario shoreline bluffs are eroding due to wave action and high water levels. The shoreline protection helps prevent the loss of municipal infrastructure (road, water and sanitary) servicing the developed land above the lake front. A revetment using armour stone is being constructed at the site.	\$508,485	\$0	Complete
Disaster Mitigation	Hamilton, City of	Barton - Tiffany Site Remediation	The project is part of the design and construction for the West Harbour and Waterfront. Includes the required rehabilitation of the lands located at Barton and Tiffany to be completed in coordination with rehabilitation of the main basin's shoreline between Pier 4 and Pier 7; rehabilitation is being coordinated with the new Pier 5-7 Boardwalk, Pier 6 Gas Dock rehab, Pier 6 Artisan Village, Pier 7 Commercial Village and the required municipal servicing for each pier to support new users.	\$290,000	\$525	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Disaster Mitigation	Hamilton, City of	Marina Services & Gas Dock Rehabilitation	The project includes design and construction for the required rehabilitation and replacement of the Pier 6 Gas Dock in coordination with the main basin's shoreline between Pier 4 and Pier 7; rehabilitation is being coordinated with the new Pier 5-7 Boardwalk, Pier 6 Artisan Village, Pier 7 Commercial Village and the required municipal servicing for each pier to support new users.	\$1,260,000	\$6,455	Ongoing
Disaster Mitigation	Hamilton, City of	Pier 5-7 Marina Shoreline Rehabilitation	The City is investing in the design and construction of required rehabilitation for the new Pier 5-7 Boardwalk. This work is being coordinated with the Pier 6 Gas Dock rehab, Pier 6 Artisan Village, Pier 7 Commercial Village and the required municipal servicing for each pier to support new users.	\$13,953,700	\$443,409	Ongoing
Disaster Mitigation	Hamilton, City of	West Harbour Site Remediation	The City is investing in the design and construction of required rehabilitation and replacement for the main basin's shoreline between Pier 4 and Pier 7. Rehabilitation is being coordinated with the new Pier 5-7 Boardwalk, Pier 6 Gas Dock rehab, Pier 6 Artisan Village, Pier 7 Commercial Village and the required municipal servicing for each pier to support new users.	\$1,682,000	\$28,228	Ongoing
Disaster Mitigation	Hamilton, City of	West Harbour & Waterfront Shoreline Reconstruction & Rehabilitation in the Marina's Main Basin	The project includes design and construction for the required rehabilitation and replacement of the main basin's shoreline between Pier 4 and Pier 7; rehabilitation is being coordinated with the new Pier 5-7 Boardwalk, Pier 6 Gas Dock rehab, Pier 6 Artisan Village, Pier 7 Commercial Village and the required municipal servicing for each pier to support new users.	\$16,823,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Disaster Mitigation	Kincardine, Municipality of	Installation of Shoreline Protection along Goderich St	High lake levels have caused erosion issues along the Goderich St. corridor. Existing water infrastructure is being exposed along with eroding embankments. The scope of work includes approximately 600 m of shoreline protection works consisting of 3,500 tonnes of armour stone at toe; 6,000 tonnes of armour stone on slope; 5,500 tonnes of filter stone under armour stone on slope; 600 m of geotextile under filter stone, extension of culverts through protection, and restoration of the area.	\$1,036,826	\$0	Complete
Disaster Mitigation	Lincoln, Town of	Implementation of Shoreline Protection Measures Along Lakeshore Road	The rising water levels of lake Ontario are causing more frequent flooding around our shoreline where we own and maintain roads. We are therefore implementing preventative measures to reduce the long-term impacts of this flooding on Lakeshore road.	\$152,949	\$0	Ongoing
Disaster Mitigation	Oakville, Town of	Rehabilitation of Taplow Creek (Reach 24)	Taplow Creek Reach 24 is considered a high priority local area of concern requiring rehabilitation according to the Town's 2015 Creek Erosion Inventory and Assessment. Phasing includes design, permitting and construction. Construction includes channel realignment using various natural treatments, as well as stabilization of the toe of slope using large boulders. The rehabilitation work also includes ecological enhancements including a bat house and the creation of wetland pockets.	\$463,300	\$0	Complete
Disaster Mitigation	Oakville, Town of	Shoreline Protection - Vista Promenade Rehabilitation	Shoreline protection at Vista Promenade has deteriorated and is in need of rehabilitation. Phasing includes design and permitting in 2017/2018 and construction in 2019. A detailed improvement plan is required, followed by the rehabilitation. Construction activities to include removal of the armour stone revetment and replacement with a combination of shoreline protection works such as, a new armour stone revetment that may include fish habitat enhancements.	\$2,761,000	\$844,483	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Disaster Mitigation	Vaughan, City of	Design and Construction for the Renewal of the Black Creek Channel	This project mediates risk in an area identified as a Flood Vulnerable Cluster by the TRCA (i.e., an area with multiple exposures to flood risk, as evidenced by the inundation experienced in 2005 due to a severe thunderstorm). Work involves channel re-alignment and reconstruction to mediate flood risks, and natural heritage enhancements to provide opportunities for urban revitalization in this important growth area, the Vaughan Metropolitan Centre.	\$17,634,880	\$60,328	Ongoing
Disaster Mitigation	Vaughan, City of	Woodbridge Highlands Open Space - Erosion Stabilization - Phase 1 and Phase 2	Erosion Stabilization works required at the Woodbridge Highlands Open space. Phase 1 is primarily for design work; phase 2 is primarily for construction. Work involves the construction of slope stabilization works such as earthworks and restorative planting.	\$1,123,785	\$627,896	Ongoing
Disaster Mitigation	Vaughan, City of	Slope Stabilization Cherry Hills Road Open Space	Work is proceeding in two phases. Phase one involves erosion mitigation, slope stabilization and construction of modular block retaining wall along Cherry Hill Road. Phase two involves the installation of a new modular gravity retaining wall and slope stabilization along the edge of open space next to private property, including the removal of an existing timber wall and existing trees.	\$575,000	\$247,630	Ongoing
Disaster Mitigation	Whitchurch-Stouffville, Town of	Lakeshore Blvd Shoreline Stabilization	To stabilize a 250 m section of shoreline between 5793 and 5895 Lakeshore Blvd. through the installation of a retaining wall. As part of the project, the falling portion of the road structure was rebuilt and repaved, a traffic guide rail was installed and adjacent ground works were completed.	\$1,250,000	\$575,720	Ongoing
Disaster Mitigation	Windsor, City of	Peche Island Shoreline Preservation/Mitigation	The Peche Island erosion protection include a series of 9 islands and 12 rock berms created out in the water off the coast of the north and east side of Peche Island that will protect the shoreline from further erosion as well as provide fish habitat.	\$3,350,000	\$0	Ongoing
Local Roads and Bridges	Adjala-Tosorontio, Township of	Concession Road 2 - Surface Treatment Overlay	The Township is rehabilitating a 950-metre section of Concession Rd 2 Tosorontio by applying a single surface treatment overlay to extend the life of the pavement.	\$36,700	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Adjala-Tosorontio, Township of	Culvert Replacement	Construction for the end-of-life replacement of a large Corrugated Steel Pipe Arch (CSPA) culvert. The asset replacement was designed to achieve the greatest long-term economic value, which was requires replacement of the existing CSPA with a 3.6 metre diameter Polymer-laminated circular Corrugated Steel Pipe (CSP) with reinforced concrete headwalls.	\$539,500	\$449,000	Complete
Local Roads and Bridges	Adjala-Tosorontio, Township of	Replacement of Bridge 22 on Concession Rd 5	In 2017, we were looking to replace the barriers on bridge #22 on Concession Rd 5. They had deteriorated and needed to be replaced for safety reasons. The project did not get started as anticipated and has subsequently evolved in scope to a full replacement of the bridge. Work involves both design and construction for the replacement.	\$1,409,000	\$10,405	Complete
Local Roads and Bridges	Admaston/Bromley, Township of	Reconstruction of Pine Valley Road	Pine Valley Road was reconstructed from Cobden Rd to McGaghan Rd. Work involved pulverizing the existing asphalt, adding granular material, digging out and rehabilitating the base, and applying a double surface treatment. This rehabilitated road surface improves the safety and condition of the road, allowing for a better commute for the local community as well as connecting two highly travelled roads.	\$237,397	\$182,080	Complete
Local Roads and Bridges	Ajax, Town of	Fuller Road Reconstruction	Construction of Fuller Road from Westney Road S to Clements Road W. The project includes 730 m of full depth road reconstruction and installation of new sidewalks. The reconstruction of municipal roads and associated repairs are a critical component of the Town's efforts to modernize existing municipal infrastructure and other assets.	\$1,850,000	\$1,530,446	Ongoing
Local Roads and Bridges	Ajax, Town of	Admiral Road Reconstruction	Construction of Admiral Road from Parry Road to Roosevelt Avenue. The project includes 560 m of full depth road reconstruction, repair of existing sidewalk and boulevard, repair of existing storm sewer and replacement of existing watermain (by Durham Region). The reconstruction of municipal roads and associated repairs are a critical component of the Town's efforts to modernize existing municipal infrastructure and other assets.	\$3,848,400	\$88,537	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Ajax, Town of	Reconstruction of Lakeview Boulevard	The scope of work includes the full depth reconstruction of Lakeview Boulevard from Pickering Beach Road to Poplar Ave and from Maple Ave to Shoal Point Road including culvert replacement, drainage improvement, curb replacement, new trail, and installation of top lift asphalt from Pickering Beach Road to Shoal Point Road. Project also includes geotechnical investigations and the detailed design of Range Line Road which will be a future Gas Tax funded project.	\$1,050,000	\$356,191	Ongoing
Local Roads and Bridges	Ajax, Town of	Dreyer Drive Reconstruction	The scope of work includes reconstruction of approximately 1.0 km of Dreyer Drive (from Harwood Ave to Clements Rd), including curb and sidewalk replacements.	\$1,770,446	\$190,957	Ongoing
Local Roads and Bridges	Ajax, Town of	Lakeview Boulevard Realignment	Realignment of 0.8 lane km of the Lakeview Boulevard as recommended by the Class Environmental Assessment (EA). The scope of work involves realigning Lakeview Boulevard along the original road alignment to the north, removing and restoring the existing road alignment, and installing new LED street lighting, a new cycling trail, new crosswalks, and traffic calming measures.	\$2,438,600	\$0	Complete
Local Roads and Bridges	Ajax, Town of	Rotary Park Boardwalk Construction	Design and construction of a new 130 m boardwalk located at the eastern terminus of the Duffin's Creek pedestrian bridge, connecting the pedestrian bridge with the Rotary Park and waterfront trail.	\$1,372,523	\$1,222,523	Complete
Local Roads and Bridges	Ajax, Town of	Design and Implementation of New Bicycle Lanes	Design and implementation of on-road bicycle infrastructure along 8 km of existing roads to expand the bicycle network. Implementation includes pavement markings, wayfinding signage, regulatory signage, and route identification signage.	\$89,756	\$0	Ongoing
Local Roads and Bridges	Ajax, Town of	Construction of New Sidewalks	The scope of work involves the design and construction of 520 m of new concrete sidewalks to maintain a continuous path system within the Town and increase accessible and pedestrian friendly access.	\$329,114	\$45,472	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Ajax, Town of	Road Resurfacing and Reconstruction	Road rehabilitation of Rotherglen Rd (0.88 lane km), Hawkins Crescent (0.9 lane km), Garnett Dr (0.6 lane km), and O'Dell Court (0.32 lane km) totaling 2.7 lane km. The project includes geotechnical assessments, asphalt resurfacing, and rehabilitation of base asphalt, curbs and sidewalks. Also included is the reconstruction of Mills Road from Station Street to Hunt Street (1 lane km).	\$1,901,310	\$27,040	Complete
Local Roads and Bridges	Ajax, Town of	Extension of Carruthers Trail to connect to Alexander's Crossing	Design and construction of a new section (570 metres) of the Carruthers Trail to connect at Kingston Road and Alexander's Crossing.	\$275,000	\$0	Ongoing
Local Roads and Bridges	Ajax, Town of	Road Network Improvements in Downtown Ajax	EA, Design and Construction of Downtown Ajax Road Network improvements to support the redevelopment and intensification of the Ajax Plaza lands. The reconstruction of Commercial Avenue (472m) from Hunt Street to Station Street includes on-street parking, cycle tracks and sidewalks on both sides of the roadway, new traffic signals and dedicated left turning lanes at four access points. Reconstruction of Commercial Ave and access roads is contingent on the timing of the Central Park development.	\$3,110,000	\$0	Ongoing
Local Roads and Bridges	Alberton, Township of	Stewart Road West Resurfacing	Resurfacing of Stewart Road West involves removal of existing asphalt emulsion surfacing, remedial work to road base and preparation for resurfacing, application of double lift of asphalt emulsion surface treatment. The work is needed as the road has been impacted over the years and has broken up to an extent that it must be fully replaced to protect the safety of pedestrians and cyclists. The road base rehabilitation of Stewart Road West will benefit 1.6 km of roadway.	\$102,835	\$39,576	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Alfred and Plantagenet, Township of	Resurfacing Pitch-Off Road	Road surface conditions on Pitch-Off Road have deteriorated to a point where we cannot maintain a safe road surface. A section approximately 840 m long by 6.3 m wide was therefore pulverized, reshaped, and paved. The smoother surface of the road additionally improves fuel economy while also reducing vehicle emissions. Greenhouse gas emissions are also reduced by reducing road maintenance on the resurfaced section.	\$121,644	\$69,990	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Resurfacing Parent Street	Road surface conditions on Parent St have deteriorated to a point where we cannot maintain a safe road surface. A section approximately 165 m long by 6.3 m wide was therefore pulverized, reshaped, and paved. The smoother surface of the road additionally improves fuel economy while also reducing vehicle emissions. Greenhouse gas emissions are also reduced by reducing road maintenance on the resurfaced section.	\$17,013	\$17,013	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Resurfacing Jessop's Falls Road	Road surface conditions on Jessop's Falls Road have deteriorated to a point where we cannot maintain a safe road surface. A section approximately 645 m long by 8 m wide was therefore pulverized, reshaped, and paved. The smoother surface of the road additionally improves fuel economy while also reducing vehicle emissions. Greenhouse gas emissions are also reduced by reducing road maintenance on the resurfaced section.	\$131,247	\$80,000	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Resurfacing Concession 2 Lefaiivre	Concession Road 2 in Lefaiivre was resurfaced between County Road 15 and Ouellette Road for a distance of 5.7 km. The project consisted of applying a 150 mm lift of granular A over the 7 m width of the road. The granular was compacted and graded to properly slope the surface of the road. Work will provide a smoother surface and improve fuel economy and reduce vehicle emissions.	\$153,084	\$140,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Alnwick/Haldimand, Township of	Rehabilitation of Local Roads	The Township reconstructed 7.5 km of road (2.4 km of Vernonville Rd, 1.8 km of Wicklow Rd, 1.6 km of Noonan Rd, and 1.7 km of Cooks Rd/Robins Rd), and recapped 9.0 km of road (1.4 km of Danforth Rd, 0.8 km of Ron Harnden Rd, 1.5 km of Noonan Rd, 1.5 km of Taylor Rd, 2.8 km of Bowmanton Rd, and 1.0 km of Clitheroe Rd).	\$748,950	\$413,076	Complete
Local Roads and Bridges	Amherstburg, Town of	Reconstruction of Fryer Street from Simcoe St to Alma St	This project is for the full reconstruction of the road, including curb, gutter, and storm sewers. Work is required to renew the lifecycle of the road. The existing asphalt is cracked and breaking apart. The rehabilitation provided residents with a newly paved road that was upgraded to an urban cross section and included bike lanes.	\$2,200,000	\$1,100,000	Complete
Local Roads and Bridges	Armour, Township of	Leggetts Road Reconstruction	This is the completion of the 2019 reconstruction of Leggetts Road. In 2019 we rebuilt this road by reconstructing the base, ditching the whole road and surface treating the road. We are now completing this work by installing a second layer of surface treatment to ensure the road can last many years without needing more work.	\$92,146	\$89,690	Complete
Local Roads and Bridges	Arnprior, Town of	Alicia Street Reconstruction	Alicia Street was reconstructed between McLachlin Street and Division Street (approximately 500 m). Infrastructure replacement included the sanitary sewer, watermain, road bed, road surface, curbs and sidewalks. A new storm sewer was also constructed in the block of Alicia Street between Charlotte Street and Division Street.	\$2,250,000	\$278,935	Complete
Local Roads and Bridges	Arnprior, Town of	Downtown Road Reconstruction (Elgin St & McGonigal St)	Full depth road reconstruction including sanitary sewer, water mains and storm sewers along Elgin street from Daniel street to Madawaska street, as well as McGonigal street from Hugh street to Edward street.	\$4,177,121	\$0	Complete
Local Roads and Bridges	Arnprior, Town of	Downtown Roads Reconstruction (John St, Madawaska and McGonigal Sts.)	Reconstruction of sanitary sewer, watermain, road and curb/sidewalk and installation of a storm sewer for Phase #1 of the Downtown. Includes portions of John St, Madawaska and McGonigal St. as well as a storm sewer outlet on Madawaska St.	\$5,981,738	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Arran-Elderslie, Municipality of	Reconstruction of Brook St in Tara - Francis to Tara Public School	Brook St is being reconstructed between Francis St and Tara Public School in order to provide added safety to children walking to School. Work involves updating existing sidewalks and curbs, as well as the storm water system. The improved drainage and road refurbishment will ensure adequate access is provided to families establishing homes in two residential subdivisions located off of Brooke St. W.	\$416,000	\$4,438	Ongoing
Local Roads and Bridges	Arran-Elderslie, Municipality of	Reconstruction of 4th Ave SW in Chesley - 3rd St SW to 4th St SW	The utilities, water, sewer, sanitary, and storm infrastructure along this section of 4th Ave SW has reached the end of its expected life. Work involves upgrading services and reconstructing the road with new sidewalks, curb and asphalt.	\$239,735	\$171,377	Complete
Local Roads and Bridges	Arran-Elderslie, Municipality of	Pavement Treatment on Con 2 Arran - Sideroad 20 to Sideroad 10	Concession 2 Arran is near the end of life for surface treatment. The section of road between Sideroad 10 and Sideroad 20 is being upgraded with a 2" lift of hot mix pavement.	\$277,102	\$277,102	Complete
Local Roads and Bridges	Ashfield-Colborne-Wawanosh, Township of	Paving of Horizon View Road	Horizon View Road currently has a gravel surface and was reconstructed in 2009 to widen and build up the road surface. Asphalt pavement is now being applied to this gravel surface. Paving the road will benefit both seasonal cottagers and permanent residents that use this road to access their properties along Lake Huron.	\$165,668	\$165,668	Complete
Local Roads and Bridges	Asphodel-Norwood, Township of	Reconstruction of Albine Street	The reconstruction of Albine Street (from Helen St to Regional Rd 40) includes the removal and installation of a new road base, new storm infrastructure, sidewalk installation and new asphalt surface. This ensures safe vehicular and pedestrian travel while renewing a failing asset.	\$169,329	\$169,329	Ongoing
Local Roads and Bridges	Asphodel-Norwood, Township of	Resurfacing of Queen Street	Resurfacing of Queen Street from Mill Street to Flora Street to ensure safe pedestrian travel and the sustainability of the asset.	\$83,656	\$83,656	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Asphodel-Norwood, Township of	Wellington Street Reconstruction - Hwy No. 7 to County Road 40	This project involves the construction of a new road base, application of new HL3 asphalt, installation of 260 m of storm water, water main, and sanitary infrastructure, and installation of 423 m of sidewalk. The project addresses an environmental concern raised by aging infrastructure within 30 m of a main body of water (Mill Pond that feeds the Ouse River). The infrastructure is also identified as critical in the Township's asset management plan.	\$867,215	\$0	Ongoing
Local Roads and Bridges	Athens, Township of	Rehabilitation of Beales Mills Road	Approximately 2.2 km of Beales Mills Road is being rehabilitated. This road provides a critical connection between residential properties at the south end of the Township and amenities to the north. The rehabilitated section of the road was heavily rutted and had very poor drainage. The poor drainage was causing road flooding and freezing on the road surface. Hoe ramming was required to install additional culverts which will help drain the water from the surface of the road.	\$214,028	\$187,420	Complete
Local Roads and Bridges	Athens, Township of	Washburn Road Upgrade	The project is for the transformation of Washburn Road from a gravel road to a paved road. This is a 2 year project, with 2020 work consisting of road preparation for 2021 asphalt. The road prep consisted of replacing old culverts, ditching, removing trees and brush to widen the road, and finally building the base for the asphalt with 1,100 m of woven material placed on the road and 1' of granular A & B.	\$182,454	\$0	Complete
Local Roads and Bridges	Augusta, Township of	Rehabilitation & Reconstruction of Local Roads	Rehabilitation of Rocky Rd (from 1.1 km south of County Rd 26), Bisseltown Rd (Knapp Dr to Spicer Rd), Dejong Rd (Algonquin Rd to 6th Concession Rd), St. Lawrence Crt (County Rd 2 to the dead end) and Charleville Rd (Johnston Rd to County Rd 21). Work involves pulverizing the existing road, adding 75 mm of Granular A, adding 50 mm of shouldering, and adding 50 mm of HL-4 pavement (except on Charleville Rd; work here consists of targeted pulverizing and patching).	\$859,037	\$446,124	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Aurora, Town of	Roadside Infrastructure Replacement on Yonge St - Orchard Heights to St. John's Sideroad	Project consists of replacing a damaged traffic protection railing, sidewalk, and retaining wall on Yonge Street north of Orchard Heights. Badly deteriorated roadside infrastructure had to be addressed to maintain safe municipal streets, sidewalks, and traffic protection barriers. Restoration of failing infrastructure is a definite benefit to the community in terms of improved safety and responsible risk management.	\$412,000	\$402,755	Ongoing
Local Roads and Bridges	Aurora, Town of	Reconstruction of Vandorf Sideroad - Monkman Crt to Carisbrooke Cir	Full depth asphalt reconstruction involving replacement of old asphalt, including paved shoulders and permanent durable line painting. The reconstruction of this road lessens maintenance activities and maintains pavement quality standards for the Town's road network.	\$1,550,000	\$335,183	Ongoing
Local Roads and Bridges	Aurora, Town of	Reconstruction of Browning Crt, Johnson Rd, Holman Cres, and Baldwin Rd	The Town is reconstructing Holman Cres, Johnson Rd, Baldwin Rd (from Holman Cres/Johnson Rd to Child Dr), and Browning Crt. These roads have a rural cross-section (with culverts and ditches) and are being urbanized (with new curbs, sidewalks, storm sewers, and bioswales). Work involves 2.07 lane-km of full depth road reconstruction, replacing 1.12 km of undersized watermain to meet the Town's engineering standards, and installation of 1.03 km of new storm sewer and bioswales.	\$5,288,100	\$435,485	Ongoing
Local Roads and Bridges	Aurora, Town of	Mill & Overlay, and Underground Infrastructure Rehabilitation on Various Roads	The Town is investing in 7.62 lane-km of mill and overlay on Murray Dr (from Wellington St W to Yonge St), Kennedy St W (from Murray Dr to Bathurst St), Pinehurst Crt, and Wiles Crt. Work also involves the replacement of the culvert on Murray Dr and watermain in the vicinity of the culvert, with the installation of an oil/grit separator. The rehabilitation of these streets lessens maintenance activities and maintains pavement quality standards for the Town's road network.	\$4,252,291	\$1,246,374	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Aurora, Town of	Reconstruction of Kennedy St, Temperance St, Ransom St and Ransom Ct	Full depth road reconstruction involving concrete curb and gutter, sidewalks, watermain, and sanitary sewers. Low Impact Development (LID) measures are also involved to ensure the storm water saturates the ground close to where it lands - instead of being gathered into storm sewers and transported a fair distance to a storm management pond. Road reconstruction includes Kennedy St from George to Yonge and all of Ransom Street, Temperance Street and Ransom Court, for a total of 0.72 km.	\$2,056,423	\$0	Complete
Local Roads and Bridges	Aurora, Town of	Henderson Dr Sidewalk Rehabilitation and Drainage Improvements	Improvement of sidewalk and boulevard drainage on Henderson Drive, from the Tamarac Trail to Poplar Crescent, to avoid water pooling and icing in the winter. Work involves moving 1.06 km of sidewalk closer to the street (on the south side only) to address drainage issues behind the existing sidewalk.	\$410,000	\$0	Complete
Local Roads and Bridges	Aurora, Town of	Road Rehabilitation of Various Streets	Construction of new roads involving curbs, sidewalks, granular base and asphalt; ditch & drainage improvements; new retaining wall structures & oil/grit separator is installed on the existing storm sewer at the creek crossing; intersection improvements at Leslie St; full depth asphalt replacement; new watermain; sidewalk repairs & ramp improvements for AODA compliance; audible pedestrian signals at the Yonge and Brookland signalized intersection. Total length of rehabilitated roads is 4.8 km	\$11,352,100	\$0	Complete
Local Roads and Bridges	Aylmer, Town of	Reconstruction of Victoria street	Design and reconstruct north-east and south-east quadrants of the town on Victoria street extending to Gerard Street and South to South street to improve the condition of the road, while also replacing the sewer and waterworks.	\$280,000	\$0	Complete
Local Roads and Bridges	Aylmer, Town of	Reconstruction of Clarence St.	Design and reconstruct Clarence St to improve the condition of the road, while also replacing the sewer and waterworks. This reconstruction is from John St S to Dufferin St.	\$1,600,000	\$724,247	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Bancroft, Town of	Rehabilitation of Cleak Ave - Snow Rd to Madawaska St	This project involved a full depth asphalt replacement with Super Pave SP 19. The base was lifted with granular A to extend the life of the asset. Asphalt gutters (Super Pave SP 12.5) were completed to ensure proper drainage which should help in extending the life of the overall asset. Catch basin lids and manhole adjustments were completed to ensure a smooth surface once paving was completed.	\$215,615	\$92,094	Complete
Local Roads and Bridges	Barrie, City of	Asphalt Resurfacing of Bryne Drive - Mapleview Drive to Commerce Park Road	Bryne Drive was selected for resurfacing with the goal of applying timely and appropriate resurfacing activities to maximize the life of road assets at the lowest overall life-cycle cost. The project includes localized curb and sidewalk repairs. Rehabilitation efforts help reduce the annual maintenance costs provide a safer environment for pedestrians, cyclists and motorists.	\$927,000	\$27,344	Ongoing
Local Roads and Bridges	Barrie, City of	Lovers Creek New Bridge – Tollendal Mill Road	This project replaces the existing corrugated-steel elliptical culvert that reached the end of its useful life. A new bridge is replacing the culvert and which allows for a natural stream condition under the bridge. The project also includes stream restoration and repairs of creek erosion. The new bridge will carry the existing two lane road and includes two new sidewalks for pedestrians.	\$752,298	\$58,751	Ongoing
Local Roads and Bridges	Barrie, City of	Bryne Drive (North) New Road Construction - Harvie Rd to Essa Rd	Construction of the unopened portion of Bryne Drive to 5-lanes, bike lanes and sidewalks between Harvie Road and south of Essa Road. This link will help direct traffic to the new Harvie Crossing of Hwy 400 and away from the Essa and Mapleview interchanges.	\$855,560	\$39,615	Ongoing
Local Roads and Bridges	Barrie, City of	Bayfield Street Resurfacing (Cundles Road to Livingstone Street)	Partial depth resurfacing of Bayfield Street from Cundles Road to Livingstone Street. The intent of partial depth resurfacing is to extend the useful life of the pavement structure by addressing key surface defects, at a higher financial efficiency than all other lifecycle strategies. This new surface will have a service life of 10-12 years and will allow for the continued preservation of the granular structure below the asphalt.	\$1,530,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Barrie, City of	Implementation of Traffic Calming Measures and Active Transportation Infrastructure	This project promotes active transportation and enhances traffic safety in the City. Work involves implementing physical measures to reduce vehicle speeds and volumes on residential roadways and in front of schools (e.g., the installation of radar speed boards across the City, speed cushions on Consort Dr, and other elements) and installing bicycle lanes and urban shoulders to improve connectivity to our existing bicycle network.	\$300,000	\$0	Ongoing
Local Roads and Bridges	Barrie, City of	Early Life Pavement Preservation Pilot Project	Application of Early Life Pavement Preservation techniques such as Reclamite, micro surfacing, slurry sealing and fog sealing to 15.715 km of road. This work extends the life of pavement surfaces in the early stages of deterioration. These pavement preservation techniques involve application of thin, bituminous based products to existing pavement.	\$500,000	\$24,726	Ongoing
Local Roads and Bridges	Barrie, City of	Resurfacing Welham Rd, Churchill Rd, Parkside Dr, and Baldwin Ln	<p>Work on Welham Rd and Churchhill Dr included full depth pulverization of the existing asphalt pavement as well as grading of the existing granular base and placement of new hot mix asphalt pavement.□</p> <p>□</p> <p>Work on Baldwin Ln included full depth removal of existing asphalt pavement, grading of the granular base and placement of new hot mix asphalt.□</p> <p>□</p> <p>Work on Parkside Dr included partial depth removal of existing asphalt pavement and the placement of a new layer of hot mix asphalt pavement.</p>	\$3,775,000	\$1,172,035	Complete
Local Roads and Bridges	Barrie, City of	Dyments Creek Culvert Expansion - Bradford St.	Replacement of an ageing undersized culvert with a larger one. The existing capacity of the culvert is a 5 year storm event. Major storm events result in Bradford Street and adjacent buildings being flooded including the City Waste Water Treatment Facility. The Drainage Master Plan identified the need to upgrade the culvert to ensure conveyance of major storm events. This will help to reduce flooding on private property, at the City Wastewater Treatment Facility and the Bradford Street corridor.	\$2,194,186	\$434,032	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Barrie, City of	Mapleview Drive East Improvements - Country Ln to Yonge St	Reconstruction, widening, and urbanization of an existing two lane rural road to a five lane urban cross-section road. Improvements involve new storm sewers, new partial sanitary sewers, a new transmission watermain, and a new multi-use trail.	\$20,435,860	\$722,306	Ongoing
Local Roads and Bridges	Barrie, City of	Construction of Bridges in New Dog Off-Leash Recreational Area in Sunnidale Park	To design and construct two (2) new pedestrian/vehicular bridges in Sunnidale Park to service the dog off-leash recreational area (DOLRA). The bridges start off Coulter Street and cross the Kidds Creek tributary, from Sunnidale Road, to allow for vehicular access to the DOLRA. Also provides access to the existing SWM Pond berm for year round maintenance and emergency access.	\$597,542	\$9,650	Complete
Local Roads and Bridges	Barrie, City of	Road Resurfacing of Several Streets and Anne St Pavement Rehabilitation	Scope of work includes the partial depth asphalt removal and replacement including minor curb and sidewalk repairs. Total lane kilometers of rehabilitated roadway is 23.4km. □ As well, project includes the full depth asphalt removal and rehabilitation of Anne Street North from Neelands to Sunnidale. The total lane kilometers of rehabilitated roadway is 1.7km.	\$27,302,623	\$4,257,078	Complete
Local Roads and Bridges	Barrie, City of	Historic Neighbourhoods Strategy - Allandale B Neighbourhood Renewal	1.5 km of Holgate Street, William Street and Granville Street are being reconstructed to replace the roadway structure that has outlived its life cycle. The project includes full reconstruction of the infrastructure within the street right-of-way including the roadway, sidewalk, sanitary sewer, storm sewer, watermain, street lights and boulevards.	\$11,076,303	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Barrie, City of	Reconstruction and Watermain Replacement on Glen Echo Dr & College Cres.	Reconstruction and watermain replacement on Glen Echo Drive on College Cres. as well as College Cres. from Lonsdale Pl to Nelson Street. Work involves the installation of 525 linear metres of 150 mm PVC watermain including the replacement of all residential services. Full depth road reconstruction of 500 m of roadway including the granular base as well as the replacement of 1000 linear metres of concrete curb and 1000 linear metres of concrete sidewalk.	\$1,231,681	\$0	Complete
Local Roads and Bridges	Barrie, City of	Road and Sub-surface Infrastructure Replacement on Several Roads	Various road reconstruction projects: 1.3 lane km of new asphalt, 748 m of sidewalk, 1,566 m of wastewater, 1,177 m of stormwater, and 1,611 m of new watermain on Mapleview (from Huronia to Country Lane).	\$19,158,466	\$891,653	Ongoing
Local Roads and Bridges	Barrie, City of	Road Resurfacing of Several Streets	Various road resurfacing projects, which preserved the roads and improved the PCI and ride comfort of each of the roads. Upon completion of the construction, these roads were improved to very good condition. The work included 3.1 km of resurfacing and new asphalt.	\$4,293,237	\$0	Ongoing
Local Roads and Bridges	Bayham, Municipality of	Replacement of Bridges on Light Line and Godby Road	The municipality replaced bridges on Light Line and Godby Road. Work involved concrete abatement, end treatment, waterproofing and paving the deck, and engineering. Both bridges were at the end of their 40-year lives and were identified in our roads needs study as priorities.	\$425,000	\$277,133	Complete
Local Roads and Bridges	Beckwith, Township of	Cedar Crest Drive Restoration	The road work on this project involves the restoration of 1.4 km of local road from Cemetery Side Road to St. Fillian's Road. This residential road is the roadway in one of the Township's earliest subdivisions. Deterioration of the road has reached the point where cold patching maintenance is no longer suffice and residents are very pleased to know new asphalt is being laid in 2021 ensuring a good quality surface for many years.	\$205,667	\$61,262	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Beckwith, Township of	10th Line East Restoration	The road work on this project involves the restoration of 1.1 km of local road which was becoming difficult to maintain both the shoulders and the traveled surface was experiencing significant deterioration. This road is used by the residents along this picturesque dead-end stretch of the 10th Line. Importantly, this road also leads into and connects a number of our Township's multi-purpose trails and as such completes a portion of our significant tourism and healthy-living infrastructure.	\$104,611	\$104,611	Complete
Local Roads and Bridges	Beckwith, Township of	Bourne Road Rehabilitation	Although the number of residents living on this road is relatively small, the gravel was getting increasingly difficult to maintain. It is also anticipated that this sector of the Township will see development in the coming years. □ The Township therefore completed a full-width road restoration followed by the addition of Granular A and double surface treatment with fog seal along approximately 3.1 km of roadway.	\$299,086	\$174,692	Complete
Local Roads and Bridges	Belleville, City of	Albion Street Reconstruction	Reconstruction of Albion St. (from Pine St. to Station St.) to address water main break issues and poor road conditions. The project involves reconstruction of the water main, sanitary sewer, road, curb & gutters, and sidewalk.	\$3,600,000	\$0	Ongoing
Local Roads and Bridges	Belleville, City of	Orchard Drive & Pringle Road Reconstruction	Reconstruction of Orchard Dr. (from North Park Gardens to Prince of Wales) and Pringle Rd. to address water quality issues. The project will include the reconstruction of the water main, sanitary sewer, road and install new storm sewers to address drainage issues and construct a new sidewalk on one side of the street.	\$5,900,000	\$1,158,168	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Belleville, City of	Reconstruction of Avondale Rd - Dundas to Harder	The project involves the reconstruction of Avondale Road with curbs and gutters, a new road base and asphalt. A section of sanitary sewer is being replaced to address a section of pipe which has minimal grade. The section of Avondale Road between Aldersgate Drive and Harder Drive is also designated as an "on-street" bike route within the City's Transportation Master Plan, so bike lanes would be included on this stretch.	\$4,230,000	\$840,546	Complete
Local Roads and Bridges	Belleville, City of	Sidney Street Corridor Improvements	This project involves the reconstruction of the Sidney Street intersections with Bell Blvd and Tracey / Tracey Park Dr to provide additional turning lanes and the widening of Sidney Street between the two intersections. This project also includes the replacement of the existing water main from Maple Drive to Bell Boulevard and the resurfacing of Sidney Street from Maple Drive to Tracey Street.	\$7,250,000	\$2,108,390	Complete
Local Roads and Bridges	Belleville, City of	Replacement of the Catherine Street Pedestrian Overpass	In July 2018, the Catherine Street Pedestrian Bridge had to be closed for public safety due to its rapid deterioration. The bridge will be replaced and the new bridge will feature a much wider structure with both decorative and pedestrian lighting thus improving public safety.	\$4,058,000	\$1,859,850	Ongoing
Local Roads and Bridges	Billings, Township of	Hard Surfacing and Rebuilding Maple Point Road and Range A Sideroad	The Town hard surfaced 2 km of Maple Point Road and rebuilt 2 km of Range A Sideroad in 2019. Work progressed into 2020 to hard surface and rebuild 1 km of Range A Sideroad, and is continuing into 2021 to hard surface and rebuild an additional 1 km of Range A Sideroad.	\$150,941	\$35,761	Ongoing
Local Roads and Bridges	Blandford-Blenheim, Township of	Resurfacing Surface Treated Roads of	The Township resurfaced 26 lane-km of its low class bituminous (LCB) road network. Work involved fiber mat application on Township Road 8 (from Oxford Road 3 to Blenheim Road), all LCB roads in Wolverton, and Blenheim Road (from Township Road 8 to Township Road 14). Resurfacing ensures that our road network is maintained in good condition for our residents, facilitates the shipment of commerce to and from our communities, and ensures that our emergency services can respond quickly and safely.	\$587,984	\$200,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Blind River, Town of	Resurfacing Granary Lake Road - 1 km north of Ben & Jean Road to Mountain View Rd	Surface treatment of 1.5 km of Granary Lake Road (from 1 km north of Ben & Jean Road to Mountain View Rd). This project is part of an on-going plan to maintain and upgrade road surfaces and related infrastructure within the municipality.	\$100,332	\$88,507	Complete
Local Roads and Bridges	Blind River, Town of	Repaving Woodward Ave	This project included the re-paving of a section of Woodward Ave from 242 to 285 Woodward Ave with asphalt. Sidewalks between 242 and 252 Woodward and 265 and 267 Woodward were also replaced. This project is part of the on-going plan to maintain and upgrade road surfaces and related infrastructure within the municipality.	\$645,448	\$128,559	Complete
Local Roads and Bridges	Blind River, Town of	Resurfacing Granary Lake Road - 744 to 996 Granary Lake Rd	Surface treatment of Granary Lake Road between Lake Duborne Road and Dyke Street. This project is part of an on-going plan to help maintain and upgrade road surfaces and related infrastructure within the municipality.	\$86,955	\$76,706	Complete
Local Roads and Bridges	Blind River, Town of	Resurfacing Bearhead Lake Road	Surface treatment of Bearhead Lake Road from Highway 557 to the end. This project is part of an on-going plan to maintain and upgrade road resurfaces and related infrastructure within the municipality.	\$80,266	\$70,806	Complete
Local Roads and Bridges	Blind River, Town of	Resurfacing Pine Drive	Surface treatment of Pine Drive from River Road to the end. This project is part of the on-going plan to maintain and upgrade road surfaces and related infrastructure within the municipality.	\$13,378	\$11,801	Complete
Local Roads and Bridges	Bonfield, Township of	Development Road Culvert Re-lining	The Township of Bonfield had a total of 11 culverts re-lined under Development Rd. These culverts were at or past their useful lifespan and either needed replacement or to be re-lined. Through this project, the Township of Bonfield has added 20 years of useful life back to these existing infrastructure assets. This is phase one of the larger project in order to resurface the roadway.	\$193,099	\$193,099	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Bonnechere Valley, Township of	Rehabilitation of Augsburg Road	Work involves 2.2 km of ditching, changing culverts to improve drainage, digging out the base of road to build it up with geocloth, scarifying and adding A gravel to prep for asphalt followed by the application of HL4 asphalt to the top. This rehabilitative work will make the road safer for pedestrians and vehicle traffic.	\$402,126	\$30,583	Complete
Local Roads and Bridges	Bracebridge, Town of	Rehabilitation of Stephenson Road 1 East	This project involved the rehabilitation of Stephenson Road 1 East, between Balsam Chutes Road and Muskoka Road 46, for a total length of approximately 1.4 km. The rehabilitation involved Bituminous Reclamation, Granular A, Base Stabilization and High Float Surface Treatment, including culvert and ditching work. This project was identified as a "Now" project in the Town's Roads Needs Study.	\$169,482	\$84,609	Complete
Local Roads and Bridges	Bracebridge, Town of	Salmon Avenue Extension	The project is the extension of Salmon Avenue from its existing terminus to 400 m westerly. The main objective was to service a future Multi-Use Community Centre (south side) and private commercial land (north side). The road was built to a full-urban standard. It included one vehicle travel lane in each direction and a continuous centre left-turn lane, as well as one dedicated on-street bike lane in each direction. It also included a 3.0m paved multi-use pathway on the south side of the street.	\$4,600,000	\$222,382	Complete
Local Roads and Bridges	Bradford West Gwillimbury, Town of	Minor Road Reconstruction on Several Local Roads	Resurfacing approximately 3 km of road, including rehabilitation/replacement of curbs and sidewalks, as well as water, sanitary and storm sewer systems. These roads were identified through the Town's recent Road Needs Study Update as requiring resurfacing along with the replacement of curbs and sidewalks that have deteriorated over the years. The rehabilitated roads and sidewalks will provide for safe and efficient passage of vehicles and pedestrians within the project areas.	\$5,000,000	\$687,586	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Bradford West Gwillimbury, Town of	Rehabilitation of Urban Roads (SW Quadrant)	New watermain installation on Valleyview Crescent, Maurino Court, and Maplegrove Avenue. Partial depth and full depth road reconstruction on Valleyview Crescent. Road resurfacing on Maurino Court, Maplegrove Avenue, Collings Avenue, Maple Court, and Gordon Court. Sidewalk repairs and curb replacement on Valleyview Crescent, Maurino Court, Maplegrove Avenue, Collings Avenue, Maple Court, and Gordon Court.	\$6,732,092	\$0	Complete
Local Roads and Bridges	Brampton, City of	Rehabilitation of the Bridge Crossing the Etobicoke Creek on Bartley Bull Pkwy	Rehabilitation of the bridge includes, but is not limited to, the replacement of superstructure components and the rehabilitation of substructure components. A permanent traffic signal and pedestrian crossover are being installed at the intersection of Peel Village Parkway and Main St South. The wider bridge deck and sidewalks (1.8 m) will help accommodate additional pedestrian and vehicle traffic volume resulting from the construction of a new LRT terminal at Barley Bull & Main.	\$3,900,000	\$2,715	Ongoing
Local Roads and Bridges	Brampton, City of	Resurfacing of 60.88 km of Roads	The City's Infrastructure Planning Group coordinates the evaluation of every street in the City to identify and prioritize current needs and to develop a 3- to 5-year resurfacing plan. Work includes removal and replacement of asphalt surfaces, concrete curbs, sidewalks, and storm sewers, construction of new transit pads, and the addition of active transportation measures as identified in the Active Transportation Master Plan. There are 71 street locations worked on under this project.	\$15,000,000	\$13,206,817	Ongoing
Local Roads and Bridges	Brampton, City of	Design and Construction of Active Transportation Enhancements	Construction of a connected cycling and pedestrian network across the City (per the Active Transportation Master Plan) to enable safer, more convenient travel by non-motorized modes of transportation. Work to date involved creating trail connections to provide a walking surface between trails and the pedestrian crossings (Guru Nanak Street east of Blue Whale Blvd and Rainstorm Road). In most cases trails are already connected to existing sidewalks, which in turn lead to the crossing locations.	\$1,000,000	\$93,091	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brampton, City of	Widening and Reconstruction of Goreway Drive - Countryside Drive to Cottrelle Boulevard	Goreway Dr was originally being widened and reconstructed between Countryside Dr and Castlemore Rd. Construction was extended southerly to facilitate the connection of Goreway Dr to Cottrelle Blvd - a new four-lane road that will extend westerly from Goreway Dr to Humberwest Pkwy. Work involves design and utility relocation between Castlemore Rd and Cottrelle Blvd as well as reconstruction and widening from Countryside Dr to Castlemore Dr.	\$1,800,000	\$81,747	Ongoing
Local Roads and Bridges	Brampton, City of	Williams Parkway Reconstruction	The reconstruction / improvements on Williams Parkway from McLaughlin Rd to Dixie Rd include road resurfacing, active transportation elements and enhanced landscaping and streetscaping. These improvements will maximize the capacity of moving pedestrians along this roadway and enhance the public realm design elements.	\$6,065,000	\$6,217	Ongoing
Local Roads and Bridges	Brampton, City of	Rehabilitation of Five Local Roads	The project involves the rehabilitation of deficient curb, sidewalk, storm sewers, and driveway aprons on five local roads (approximately 52.066 lane-km in length). Work also involves rebuilding and/or adjusting catch basin and maintenance hole frames/lids within the roadway. Pavement is being resurfaced with an 80-90 mm asphalt overlay, with full asphalt removal/expanded asphalt utilized when appropriate. Resurfacing extends the life of the roads for 15-20 years.	\$15,000,000	\$6,988,543	Ongoing
Local Roads and Bridges	Brampton, City of	Road Resurfacing Infrastructure	Complete rehabilitation of roadways, including the removal and replacement of all deficient, pavement, curbs, sidewalks, storm sewers and driveway aprons on 46 individual streets segments, which represents 47.2 lane kilometers in length. Work also involves the rebuilding of all catch basins, maintenance holes, water chambers and utility valves.	\$14,000,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brampton, City of	Installation of Active Transportation Infrastructure	This projects involves infrastructure improvements to facilitate/promote active transportation throughout the city. The project will make it safer for people traveling on foot or by bike by enhancing existing facilities, including: 21 school crossing upgrades; 32 new pedestrian crossings where valley recreational trails meet low volume roadways; 4 midblock pedestrian and bicycle signals; 2 km of multi-use path along the City's Priority Cycling Network; and, 2.7 km of new bike lanes.	\$2,000,000	\$755,478	Ongoing
Local Roads and Bridges	Brampton, City of	Modernization of Traffic Signals	Modernization to upgrade aging traffic signals to current standards to improve safety, accessibility and the overall appearance of the intersection. Safety enhancements such as sightlines, pedestrian accessibility, and traffic signal phasing will be included in the modification of the signals. The following 5 intersections will be upgraded: McLaughlin Rd & Brookview Rd, Williams Pkwy & Royal West Dr, Williams Pkwy & Elbern Markell Dr, Clark Blvd & Walker Dr, and Vodden St East & Laurelcrest St.	\$600,000	\$349,355	Ongoing
Local Roads and Bridges	Brampton, City of	Bridge Rehabilitation	The bridge repairs program is required to maintain bridges to minimum standards. Ongoing bridge maintenance and rehabilitation will result in extended asset life. Under 144230 Capital project, approach ramp of the Truman Street Pedestrian bridge over CN railway is replaced as the old ramp was severely deteriorated and failed. Also under same capital project Elgin Drive over Etobicoke Creek bridge superstructure is non-repairable.	\$7,723,000	\$51,254	Ongoing
Local Roads and Bridges	Brant, County of	Resurfacing of Bethel Road	This project is for the resurfacing of Bethel Rd (from Cleaver Rd to Follsetter Dr). Activities include pulverization of the existing hot mix asphalt pavement, the addition of granular base, ditching of the entire road section, two lifts of hot mix asphalt, granular shouldering, and installation of upgraded devices. Resurfacing is needed as this section of road has reached the end of its pavement life. This project will also improve safety of the roadway for both motorists and cyclists.	\$407,632	\$395,917	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brant, County of	Reconstruction of Ellis Avenue	This project is for the reconstruction of Ellis Ave (from Hwy 24 to Mt. Pleasant Rd). Activities include pulverization of the existing hot mix asphalt pavement, the addition of granular base, ditching of the entire road section, two lifts of hot mix asphalt, granular shouldering and installation of upgraded devices. Ellis Ave provides direct access to Hwy 24 and the Trans Canada Trail. This project will improve safety for motorists and cyclists as the road platform will be widened.	\$880,445	\$861,433	Complete
Local Roads and Bridges	Brantford, City of	Rehabilitation of Wayne Gretzky Trail Bridge	The City is investing in bridge rehabilitation measures following the results of a condition assessment that identified several bridges in need of immediate attention.	\$200,000	\$5,945	Ongoing
Local Roads and Bridges	Brantford, City of	City-wide Replacement of Sidewalks	City wide replacement of 6,552 sq. m of sidewalk. The work plan was determined through sidewalk assessment updates conducted by the City's Operational Services department. Depending on the condition of the existing sidewalks, the remediation work involves either full street or block replacement construction or individual slab and/or curb replacement.	\$550,000	\$410,000	Complete
Local Roads and Bridges	Brantford, City of	Rehabilitation of Local Roads	Approximately 8.6 km of road are being rehabilitated under this project. These sections of road were identified through pavement condition assessments.	\$595,000	\$499,630	Complete
Local Roads and Bridges	Brantford, City of	Resurfacing Local Roads	The City is resurfacing Winding Way (850 m), Erie Ave (230 m), Woodlawn Ave (850 m), Grand River Ave (370 m), River Rd (490 m), and Balmoral Rd (870 m). These roads were found to be in fair to poor condition when assessed and were categorized as a need in the City's Assessment Management Plan, with deficiencies such as minor or major cracking and ruts.	\$1,500,000	\$1,091,967	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brantford, City of	Lorne Bridge Rehabilitation	The City only has three bridge crossings. This major piece of infrastructure connects East and West Brantford, and was identified in the advanced OSIM and environmental assessment for rehabilitation. Work involves concrete removal, abrasive cleaning of reinforcing steel, concrete patching, barrier wall railing replacement, coating of steel railing systems, installation of deck joint assemblies, and bridge deck waterproofing.	\$7,350,000	\$214,884	Ongoing
Local Roads and Bridges	Brantford, City of	Governors Rd and Park Rd N Intersection Improvements	Intersection improvements at Governors Road and Park Road North. The existing traffic control signal requires complete replacement due to aging. Obsolete equipment prevents the installation of traffic signal management software which prevents monitoring and signal operation and signal timing adjustments.	\$200,000	\$47,186	Ongoing
Local Roads and Bridges	Brantford, City of	Citywide Replacement of Sidewalks	City wide replacement of 6,552 sq. m of sidewalk. The work plan was determined through sidewalk assessment updates conducted by the City's Operational Services department. Depending on the condition of the existing sidewalks, the remediation work will involve either full street or block replacement construction or individual locational slab and/or curb replacement.	\$881,522	\$145,164	Ongoing
Local Roads and Bridges	Brantford, City of	Road Restoration on Powerline Rd, Birkett Lane, Garden Ave & Others	Road restoration and drive-ability enhancements on Powerline Rd, Birkett Lane, Garden Ave, Eddy Ave, Fulton St, Sussex Ave, Shaftsbury Ave, Wiltshire Dr, and Lloyd St (approximately 4.2 km in total). Activities include shave and pave and re-profiling of asphalt surfaces.	\$650,000	\$1,916	Complete
Local Roads and Bridges	Brantford, City of	Resurfacing of Glenwood Drive, Banbury Road, and Gilkison Street	This project is for the resurfacing of Glenwood Dr, Banbury Rd, Gilkison St, and other smaller sections of City roads. The road sections total 26.8 km in length, were selected based on available condition information (all have a PCI of 40 or less), and required partial asphalt removal and an overlay to extend their service life.	\$1,500,000	\$63	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brantford, City of	Reconstruction of St Paul Ave, Elmwood Ave, and Alpha Cres	Road portions of the reconstruction of road and water infrastructure on St Paul Ave (from Charing Cross St to Wood St), Elmwood Ave (from King George Rd to St Paul Ave), and Alpha Cres (approximately 1.5 km in total). The need for this project is driven by the condition and age of the watermain and the roadway.	\$2,912,000	\$1,164,455	Ongoing
Local Roads and Bridges	Brantford, City of	North West Industrial Area Roadway Improvements	Restoration and resurfacing (including curb repairs) of approximately 5.98 km of roads. These roads are in poor condition and require partial asphalt removal and an overlay to improve the road quality and extend the service life. Sections include Hardy Road, Ferrero/Savannah Oaks and Fen Ridge Crt.	\$1,725,000	\$27,028	Ongoing
Local Roads and Bridges	Brantford, City of	Active Transportation Infrastructure Improvements	These are initiatives to increase active transportation throughout the City. One component is to provide on-road cycle lanes in both directions on Memorial Drive (5.4km), Erie Ave (4.6km), Hardy Road (6.5km), Grey Street (4.5km), Ballantyne Drive (3.4km) and Conklin Road (2.9km). A second component is to covert existing granular trails and tar and chip trails to asphalt multi-use paths on Wayne Gretzky Pkwy and Shellard Lane for a total 13.4 km.	\$355,000	\$96,095	Ongoing
Local Roads and Bridges	Brantford, City of	Rehabilitation/Replacement of TH&B and Brant's Crossing Bridges	The first phase is an environmental assessment at the TH&B and Brant's Crossing bridges which will identify, assess and review the long term options for the two crossing points across the Grand River and the structures which currently exist at the two locations. Rehabilitation and replacement options for both bridges will be identified and will become the second phase of this project.	\$3,855,000	\$99,972	Ongoing
Local Roads and Bridges	Brantford, City of	Road Restoration on Summerhayes, Park Rd N, Gretzky Pkwy, Greenwood & Others	Roadway restoration and drive-ability enhancements on the following roads: Summerhayes, Park Rd N, Wayne Gretzky Pkwy, Greenwood Trail, Regent, Downing, Devon & Cornwall, Henderson and Third. Total length of restoration is approximately 2.77 km. Activities included shave and pave and re-profiling of asphalt surfaces.	\$500,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brantford, City of	Resurfacing Barnes Ave, Thorton Dr, Trimdon Ave and Grove Cres	This project is for the resurfacing of Barnes Ave, Thorton Dr, Trimdon Ave, and Grove Cres. The four road sections total 1.5 km in length, were selected based on available condition information (PCI < 40), and required partial asphalt removal and an overlay to extend their service life.	\$1,000,000	\$0	Complete
Local Roads and Bridges	Brantford, City of	Road Restoration on Brant Ave	Project includes partial depth road restoration on Brant Ave from St Paul Ave to Dalhousie St (1,410 m). Project driver is the future traffic volume on Brant Ave due to construction projects along St Paul Ave and the downtown revitalization project. The road section scored a fair to poor rating from the 2014 roadway condition survey. Since January 2010, Operational Services have repaired an estimated 642 separate road defects just to address minimum maintenance standards.	\$1,025,000	\$18,533	Complete
Local Roads and Bridges	Brantford, City of	Road Resurfacing on Oriole Parkway	Road resurfacing project on Oriole Parkway from Beechwood Ave to Ivanhoe Road. The need for this project is driven by poor road conditions with an average PCI of 37. The total length of this project is approximately 759 m. This project was identified by Capital Planning and Engineering staff during the annual roads needs review in 2013.	\$517,000	\$0	Complete
Local Roads and Bridges	Brantford, City of	Road Resurfacing on Old Farm Road	Road resurfacing on Old Farm Road (Oriole Parkway to Powerline Road) including Hidden Court. The need for this project is driven by poor road conditions identified through operational input. The total length of this project is approximately 295 m. The road segments have an average PCI rating of 25. Since 2003 there have been 28 work orders generated for crack filling and pot holes.	\$203,000	\$0	Complete
Local Roads and Bridges	Brantford, City of	Reconstruction of Herbert Street	Reconstruction of road surface on Herbert Street (full). The need for this project is driven by poor road conditions identified through operational inputs. The total length of the project is approximately 850 m. The road segments have an average PCI rating of 55.5. Since 2003 there have been 99 work orders generated pertaining to crack filling or pot holes.	\$902,341	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brantford, City of	Reconstruction of portion of St Paul Ave, Albion St, Wayne Gretzky Pkwy and Road Resurfacing	Road portion of full reconstruction of road and underground services on St Paul Ave, Albion St, Wayne Gretzky Pkwy, as well as resurfacing of other designated roads. The need for these projects is driven by the poor condition of certain underground infrastructure. The total length of restored roadways is approximately 3,000 linear metres.	\$2,612,000	\$251,349	Ongoing
Local Roads and Bridges	Brantford, City of	Active Transportation Infrastructure Improvements (Mohawk St & S.C. Johnson Trails)	These are initiatives to increase active transportation throughout the City. One aspect of the project widens 2 km of Mohawk Street (from Greenwich St to Morrison Road) to provide on-road cycle lanes in both directions. A second component continues the conversion of existing granular trails, tar and chip trails, and access ramps to asphalt on the S. C. Johnson Trail in Waterworks Park to improve accessibility and expand usage.	\$455,000	\$99,386	Ongoing
Local Roads and Bridges	Brantford, City of	Downtown Streetlight Improvement Project	Based on the 2006 Downtown Streetlight Improvements Report, approximately 250 poles in the downtown area are being replaced over a five year period. Funding has been identified to update the 2006 Study, undertake public consultation if required, and design the implementation program for the conversion to LED.	\$50,000	\$0	Ongoing
Local Roads and Bridges	Brantford, City of	Resurfacing Beechwood Ave, Canary Dr, Colborne St and Dalhousie St	This project is for the restoration and resurfacing of Beechwood Ave (from Ashgrove Ave to the end), Canary Dr (from Waxwing Way to the end), Colborne St (from Clarence St to Rawdon St), and Dalhousie St (from Clarence St to Stanley St). The four road sections total 2.4 km in length, were selected based on available condition information (PCI < 40), and required partial asphalt removal and an overlay to extend their service life.	\$1,140,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brantford, City of	Bridge Repairs to CN Rail Trail Bridge #1 and West Street Subway	The CN Rail Trail Bridge #1 and West Street Subway (between Grey St & Buffalo St) are in poor condition and require rehabilitation. Work on the CN Rail Trail Bridge #1 involves replacement of existing timber ballast and wing walls at both east and west banks with new armour stone and precast units. Work on the West St Subway involves replacement of the existing metal guard rail on the east and west side retaining walls with chain link fencing & replacement of guard rails; new gates & handrails.	\$74,688	\$299	Complete
Local Roads and Bridges	Brantford, City of	Reconstruction of St Paul Ave, Shellard Lane, Hayhurst Rd, Sunset Ave, Watson Ave & Frank St	Road portions of the full reconstruction of road, water, sanitary and storm infrastructure on St Paul Ave, Shellard Ln, Hayhurst Road, Sunset Ave, Watson Ave, and Frank St. The need for these projects is driven by the poor condition of watermains, wastewater sewers and stormwater sewers. The total length of all five road sections restored within this project is approximately 3,890 linear m and represents a total of 9.54 lane km.	\$14,650,000	\$7,909	Ongoing
Local Roads and Bridges	Brantford, City of	Resurfacing & Watermain Replacement on North Park St - Dundas to Charing Cross	Full road resurfacing and watermain replacement on North Park St from Dundas St to Charing Cross St (approximately 860 m, representing 3.11 lane km). Originally constructed between 1967 and 1990, the road segments have an average PCI of 78. Since 2003, 67 work orders have been generated for cracks or pot holes. The watermains, constructed from 12 to 91 years ago, have an internal diameter of 150 mm and there has been 1 recorded break since 2003 and 2 prior to 2003.	\$2,928,100	\$502,064	Complete
Local Roads and Bridges	Brantford, City of	Garden Avenue Bridge Rehabilitation	Undertaking rehabilitation/remediation structural repairs to piles and footings on the Garden Avenue Bridge to stabilize the bridge abutment and alleviate concerns regarding movement. The bridge is being monitored, and a design for major reconstruction is completed and will be activated when the monitoring warrants additional action.	\$250,000	\$0	Ongoing
Local Roads and Bridges	Brighton, Municipality of	Reconstruction of Telephone Road	Reconstruction of Telephone Road from County Road 30 to County Road 26 including base work and pavement.	\$1,221,718	\$706,738	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brighton, Municipality of	Urban Sidewalk Rehabilitation	The project is for the rehabilitation of 3,112 sq. m of urban sidewalk. Work involves removal and reinstallation. The rehabilitation is taking place throughout the urban section of the municipality.	\$328,042	\$80,000	Complete
Local Roads and Bridges	Brock, Township of	Replacement of Culvert #311 on Sideroad 17	The existing culvert is aging and is eroding at the ends from being too narrow. It is therefore being replaced with a 1.8 m x 1.2 m high corrugated steel pipe-arch culvert and extended from 7 m to 10 m for motorist safety. The scope of work also includes dewatering and creek bypass pumping, application of granular A and B, and restoration of site. This allows the creek to continue to flow, provides the ability to perform to dry conditions, and ensures proper backfill and road bed.	\$320,000	\$3,060	Ongoing
Local Roads and Bridges	Brock, Township of	Rehabilitation of Bridge #22 on Concession Rd 2	This project is for the replacement of expansion joints, rehabilitation of concrete on soffits and girders, and overlay, waterproofing and paving of the bridge deck to extend the useful life of the bridge structure on Concession Rd 2.	\$925,677	\$0	Complete
Local Roads and Bridges	Brock, Township of	Rehabilitation of Bridge #34 on Concession Rd 2	This project is for the replacement of railings and rehabilitation of concrete in soffits to extend the useful life of the bridge on Concession Rd 2.	\$288,819	\$245,363	Complete
Local Roads and Bridges	Brock, Township of	Rehabilitation of Bridge #40 on Sideroad 17A	This project is for the rehabilitation of concrete in abutment walls and soffits to extend the useful life of the bridge structure on Sideroad 17A.	\$217,139	\$0	Complete
Local Roads and Bridges	Brockton, Municipality of	Reconstruction of Concession 10 Brant/Queen Street	Concession 10 was reconstructed from Bruce County Road 10 to Sideroad 30 North. The project included curb improvements to enhance drainage, and the installation of an extended sidewalk from the Hamlet of Elmwood to the Community Centre to improve pedestrian safety. The road had not previously seen improvements of this nature since being assumed by the Municipality more than 30 years ago.	\$1,901,000	\$686,217	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brockville, City of	Asphalt Paving, Concrete, and Milling of Local Roads	Every road in Brockville is assessed annually by City staff and rated using a modified version of the MTO Road Rating system. Staff then design projects for roadways with the worst condition ratings, that do not require sewer or water main rehabilitation. Contracted services subsequently complete concrete sidewalk and curb reconstruction, road pavement milling, and hot mix paving. A total of 5.2 lane-km of road were improved under this project.	\$815,090	\$787,297	Complete
Local Roads and Bridges	Brockville, City of	Traffic Signal Controller Replacement	There are 28 signalized intersections in the City, each with one traffic controller. The City replaces traffic controllers annually to maintain a 14 year life cycle for each. Two are being replaced under this project. □ Traffic controllers take input from traffic detection devices to determine the frequency and duration of vehicle and pedestrian traffic phases. This project ensures that signalized intersections continue to provide safe conditions for pedestrians and vehicles.	\$95,000	\$0	Ongoing
Local Roads and Bridges	Brockville, City of	Gilmour Street Reconstruction	The underground infrastructure on Gilmour Street is historic. The water main on the street was constructed in the 1890s and the storm and sanitary sewer sewers in the early 1900s. The 150 mm diameter water main is made of cast iron while the sanitary and storm sewers are constructed of vitrified clay. With infrastructure of this age and material, there are inherited health and safety problems. Older cast iron water mains are known to be susceptible to interior encrustation, for example.	\$945,000	\$86,100	Ongoing
Local Roads and Bridges	Brockville, City of	Bartholomew St. Reconstruction	The work includes the reconstruction of storm sewers, sanitary sewers, watermains and service laterals. The existing roadway will be reconstructed including granular material, asphalt, pavement, concrete curb and gutter, concrete sidewalks and restoration work.	\$845,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Brockville, City of	William Street CNR Overpass Rehabilitation	Bridge repairs or replacements are identified during Biennial inspections performed by a structural engineer. William Street CNR Overpass has been identified as requiring replacement of expansion joints and abutment bearing seats, as well as structural repairs to the ballast walls and abutment stems.	\$500,000	\$0	Ongoing
Local Roads and Bridges	Brockville, City of	Construction of Brock Trail	The construction of Brock Trail, a multi-use active transportation pathway connecting the south end of Brockville with the north end, will enable and promote active transportation throughout Brockville. The route covers approximately 8 km of trail and includes paved bike lanes as well as bridges.	\$2,221,000	\$0	Ongoing
Local Roads and Bridges	Bruce Mines, Town of	Sidewalk Replacement along Highway 17	The original sidewalk had a portion of cement pavers that had become uneven and unsafe for pedestrian traffic due to ongoing winter salt and sand use. The pavers were removed and replaced with solid cement so pedestrians can now use this area to walk safely. □ There was one hundred and seventy six (176) feet of sidewalk installed.	\$10,041	\$9,871	Complete
Local Roads and Bridges	Bruce, County of	Jenny Street Reconstruction - East of Hwy 6	Jenny Street - 85m eastward from Hwy 6 in Warton - requires significant reconstruction including upgrades to the street surface, base, water service and entranceway to a Bruce County Transportation shop facility.	\$225,125	\$30,000	Ongoing
Local Roads and Bridges	Bruce, County of	Surface Reconstruction of County Road 8 between County Road 14 and Sauble Beach	Surface reconstruction of Bruce County Road 8 using cold-in-place recycling from County Road 14 to Sauble Beach. This local infrastructure was in need of renewal before further deterioration rendered it to be beyond rehabilitation or possibly unsafe for road users. The poor condition of this road meant that it was in need of rehabilitation in order to meet the ongoing transportation requirements of the County.	\$520,970	\$81,050	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Bruce, County of	Surface Reconstruction of County Road 4 between Sideroad 20 and Ontario Street	Surface reconstruction of Bruce County Road 4 using cold-in-place recycling from 810 m west of Sideroad 20 to 150 m west of Ontario Street (three lanes, approximately 1.7 km). This local infrastructure was in need of renewal before further deterioration rendered it to be beyond rehabilitation or possibly unsafe for road users. The poor condition of this road meant that it was in need of rehabilitation in order to meet the ongoing transportation requirements of the County.	\$1,317,211	\$992,564	Complete
Local Roads and Bridges	Bruce, County of	Surface Reconstruction of County Road 3 between Cargill Corner and Dunkeld	Surface reconstruction of Bruce County Road 3 using cold-in-place recycling from 150 m north of Cargill Corner to 200 m south of Dunkeld (two lanes, approximately 4.5 km). This local infrastructure was in need of renewal before further deterioration rendered it to be beyond rehabilitation or possibly unsafe for road users. The poor condition of this road meant that it was in need of rehabilitation in order to meet the ongoing transportation requirements of the County.	\$1,426,966	\$1,056,879	Complete
Local Roads and Bridges	Bruce, County of	Replacement of Teeswater River Bridge on Bruce Road 3 in Paisley	The bridge on Bruce Road 3 spanning the Teeswater River is being replaced with a double span concrete girder bridge. Bruce Road 3 is a main artery in Bruce County. The current T-beam bridge was built in 1935 and is nearing end of its expected life. □ A temporary bridge is being installed next to the existing bridge. Trucks would otherwise need to detour 43 km along County roads. The local detour route is 13 km. Substantial intersection improvements and road upgrades would have been required.	\$10,141,335	\$0	Ongoing
Local Roads and Bridges	Brudenell, Lyndoch and Raglan, Township of	Surface Treatment Little Ireland Road	This road was prepared for surface treatment in 2020 but did not get the surface treatment applied. A total of 1.7 lane-km of road therefore received surface treatment in 2021.	\$63,700	\$63,700	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Burlington, City of	Coldstream Dr Area Reconstruction	The main objective of this project is to improve roads in the Coldstream Drive area (including Coldstream Drive, Manchester Drive, Leominster Drive, Middlesmoor Crescent, and Sherburne Drive) to encourage productivity and economic growth. Work involves pavement construction, asphalt and sod restoration and other works to ensure safer and better conditions to support active methods of travel.	\$5,969,500	\$0	Ongoing
Local Roads and Bridges	Burlington, City of	Lomond Crescent Area Reconstruction	This project supports sustainable infrastructure and a resilient environment. Work involves constructing and renovating assets in on Lomond Crescent (from Longmoor Drive to Inverary Road) and Ayr Place - and specifically the reconstruction of roadways, driveways and boulevards, the replacement of the asphalt, curbs and gutters, the replacement of the watermain and wastewater main, etc.	\$2,901,400	\$0	Ongoing
Local Roads and Bridges	Burlington, City of	Canterbury Drive Area Reconstruction	The City of Burlington is working with Halton Region to achieve road improvements in the Canterbury Drive Area (Buckingham to Tyandaga, Agincourt & Chippendale) to encourage productivity and economic growth, and is replacing sidewalk to ensure safer and better conditions to support active methods of travel. Work involves full depth asphalt replacement, curb and gutter replacement, streetlighting upgrades, renewal of the storm sewer system, and new watermain installation and servicing.	\$6,171,749	\$0	Ongoing
Local Roads and Bridges	Burlington, City of	Enhancement and Preservation of Pavement	The main objective of this project is to preserve and enhance local roads. Roads selected for preservation and enhancement are those with a PQI (Pavement Quality Index) between 50 and 75. The budgeted/estimated length is about 130 km.	\$423,642	\$0	Complete
Local Roads and Bridges	Burlington, City of	New Street Resurfacing - Walkers to Burloak	The objective of this project is to enhance the road surface of New Street in order to keep the asset in a good state of repair and to encourage productivity and economic growth.	\$4,631,518	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Burlington, City of	Waterdown Road North Rehabilitation	The main objective of this project is to improve the traffic capacity of Waterdown Road North from Craven Ave to Mountain Brow Rd. Construction consists of road widening to accommodate an ultimate four lane cross-section. The road will be striped as a 3 lane cross section until traffic volumes increase.	\$1,148,000	\$0	Ongoing
Local Roads and Bridges	Burlington, City of	Reconstruction of Deer Run Ave	To reconstruct 5.3 lane-km of Deer Run Avenue including full depth asphalt replacement, full curb replacement, localized sidewalk replacement, and street light replacement.	\$2,901,400	\$0	Complete
Local Roads and Bridges	Burlington, City of	Reconstruction of Rexway Drive	To reconstruct Rexway Drive, including full asphalt and curb replacement, localized sidewalk replacement and storm sewer rehabilitation, full watermain and water service replacement, and wastewater main and lateral replacement.	\$10,937,000	\$0	Ongoing
Local Roads and Bridges	Burlington, City of	Lakeshore Rd Resurfacing - Walkers to Appleby	Lakeshore road resurfacing from Walkers to Appleby, including rehabilitating curb, maintenance holes and catch basin settlements, rehabilitating sidewalk on the north boulevard, and replacing the existing asphalt path on the south boulevard with a concrete sidewalk.	\$1,850,000	\$0	Complete
Local Roads and Bridges	Burlington, City of	Wolfe Island Bridge Rehabilitation	Wolfe Island Bridge rehabilitation, including soffit repairs and demolition of exposed rebars to improve the safety of the public.	\$990,000	\$0	Complete
Local Roads and Bridges	Burlington, City of	Minor Reconstruction of Multiple Roads (Malcolm Cresc. etc.)	Road resurfacing is necessary where significant deterioration of the pavement condition (i.e. surface distress and/or riding comfort) has occurred. These resurfacing and minor reconstruction projects (108.25 lane-km) involved the removal and replacement of 100 mm of asphalt, installation of a heavy-duty binder, and/or other minor rehabilitation to storm sewers, curb & gutter, and sidewalks.	\$29,037,779	\$157,443	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Burlington, City of	Road Resurfacing and Minor Construction Works - Various Locations	Road resurfacing is necessary where significant deterioration of the pavement condition (i.e. surface distress and/or riding comfort) has occurred. These resurfacing and minor reconstruction projects typically involve the removal and replacement of 100 mm of asphalt, installation of a heavy-duty binder, and other minor rehabilitation to storm sewers, curb and gutter, and sidewalks. About 2.87 km of roads are being resurfaced in this project.	\$7,302,300	\$0	Complete
Local Roads and Bridges	Burpee and Mills, Township of	Harper/Caldwell Corner Upgrades	The Harper/Caldwell corner on Union Road requires straightening. There is a driveway located with direct access to the sharpest part of the corner. The roadway requires a slight relocation to alleviate visibility concerns for the property owner as well as providing a direct line of sight to those accessing this road. Surface treatment is also being applied.	\$100,000	\$0	Ongoing
Local Roads and Bridges	Caledon, Town of	Reconstruction of Multiple Growth Related Roads	Reconstruction of Old School Road (4.2 km), McLaughlin Road (4.2 km) and Centreville Creek Road (3.0 km). The rural road segments are being fully reconstruction with a stronger road bed, 9.0 m wide pavement, paved shoulders for cycling, drainage works, and guardrails where needed.	\$17,006,305	\$2,588,853	Ongoing
Local Roads and Bridges	Caledon, Town of	Replacement of a Bridge on Innis Lake Road	The objective is to ensure that the Town's bridges and culverts are maintained in a state of good repair so as to maintain usability and safety. Based on the results of biennial inspections, a bridge on Innis Lake Road (located 1.27 km south of Old Church Road) is being replaced.	\$1,580,158	\$9,608	Complete
Local Roads and Bridges	Caledon, Town of	Rehabilitation or Reconstruction of Multiple Growth Related Roads	3 road sections totaling 6.5 km; The Grange Side Road (McLaren Road to McLaughlin Road and Kennedy Road to Horseshoe Hill Road), and Chinguacousy Road (King Street to Boston Mills Road). Selection based on PCI, traffic volumes, and future demands. Asphalt platform resurfacing and widening, asphalt shoulders, roadway granular padding, shoulder strengthening, asphalt pulverization, road reconstruction, drainage improvements, and grading works.	\$9,263,864	\$1,645,686	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Caledon, Town of	Replacement/Rehabilitation of Culverts	The objective of the project is to ensure that the Town's bridges and culverts are maintained in a state of good repair so as to maintain usability and safety. The Town has an inventory of bridges and culverts, most of which are in need of replacement or rehabilitation. Based on the results of biennial inspections the following culverts are being repaired or replaced: Centreville Creek Culvert and Chinguacousy culverts located 0.45 km, 0.9 km and 1.1 km south of Old School Road.	\$2,490,187	\$24,834	Complete
Local Roads and Bridges	Caledon, Town of	Rehabilitation/Reconstruction of Albert St/Quarry Dr/Mount Hope Rd/George Bolton Pkwy	This program is for three roads totaling approximately 3 km; Albert Street (James Street to John Street), Quarry Drive, Mount Hope Road (Cedar Meadows Lane to 300 m South of Hunsden Sideroad) and George Bolton Parkway. It addresses roads identified for repair through the Pavement Condition Index (PCI), traffic volumes, and in coordination with Peel Region. Work involves roadway granular padding, asphalt resurfacing, drainage, and a roadside multi-use trail.	\$2,705,644	\$4,081	Ongoing
Local Roads and Bridges	Caledon, Town of	Rehabilitation and Reconstruction of Two Non-OSIM Structures	Rehabilitation of the two highest priority Non-OSIM structures: the Grange Side Road 0.7 km west of Mountainview Road, and Finnerty Side Road 0.3 km west of The Gore Road. Identified sections of the roads are essentially "slipping" and require correction in various forms of engineering and construction - typically culvert replacements and slopes stabilization.	\$1,077,621	\$0	Complete
Local Roads and Bridges	Caledon, Town of	Rehabilitation/Reconstruction of Multiple Roads	Rehabilitation and reconstruction of the Town's roadways. Maple Lane and Church Street involve road rehabilitation work, which entails resurfacing the roadway, placing concrete sidewalk, and installing curb and gutter (a total section length of about 830 m). Mount Hope Road, Healey Road and Heart Lake Road involve full-depth reconstruction of the existing roadway, road widening, and watermain replacement (a total section length of about 10,900 m).	\$2,395,730	\$2,854	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Caledon, Town of	Rehabilitation and Replacement of Four Bridges	Replacement or rehabilitation of Kennedy Road Bridge #2, Credit Road Bridge, Winston Churchill Road Bridge, and McLaren Road Bridge. The objective of the project is to ensure that the Town's bridges are maintained in a state of good repair so as to maintain usability and safety. The Town has an inventory of bridges and culverts, most of which are in need of maintenance, replacement or rehabilitation. These four bridges were selected based on the results of biennial inspections.	\$3,685,572	\$0	Complete
Local Roads and Bridges	Callander, Municipality of	Pinecreek North Resurfacing	Culverts were replaced and a double surface treatment was applied on three roads: Pinecreek Rd N from Highway 654 to Pinecreek Cres (545 m), Keeling Dr from Pinecreek Rd N to Pinecreek Cres (295 m), and Pinecreek Cres from Pinecreek Rd N to the cul-de-sac (1,210 m). All were identified in our asset management plan as being in poor condition. Resurfacing extends the useful life of each road by 25 years, reduces maintenance costs, improves fuel economy, and improves drainage.	\$558,932	\$481,241	Complete
Local Roads and Bridges	Cambridge, City of	Reconstruction of Sheldon Drive	The project involves replacement of 490m of existing roadway and construction of new curb, gutter, and sidewalk. The project improves the service level to the community by reducing the service interruptions caused by potholes, constructing a new 1.5 m wide sidewalk to promote pedestrian safety, constructing a new curb to improve surface runoff collection, constructing dedicated bike lanes to promote cycling safety, and constructing a continuous centre turning lane to improve traffic safety.	\$1,009,276	\$623,800	Ongoing
Local Roads and Bridges	Cambridge, City of	Reconstruction of Rosehill Ave (Queen St to Bechtel St) and Millvue St (Rooshill Ave to Bechtel St)	The project includes replacement of the existing watermain and services, sanitary sewer and services, storm sewer, roadway, curb, gutter, and sidewalk. The project improves the service level to the community by reducing service interruptions caused by watermain/water service breaks, sewer backups, potholes, and broken sidewalks. Work also increases the sidewalk width to 1.5 m to better serve people with disabilities.	\$1,344,218	\$405,561	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cambridge, City of	Reconstruction of Salisbury Avenue	The project includes replacement of 880M of roadway, curb, gutter, and sidewalk including existing watermain and services, sanitary sewer and services and storm sewer. The project improves the service level to the community by reducing service interruptions caused by watermain/water service breaks, sewer backups, potholes, and broken sidewalks. Work also increases the sidewalk width to 1.5 m to better serve people with disabilities.	\$3,761,841	\$847,437	Ongoing
Local Roads and Bridges	Cambridge, City of	Hamilton St and Dover St Reconstruction	The City is constructing 550 m of 200 mm diameter watermain, 20 m of 300 mm diameter watermain, 180 m of 300 mm to 525 mm diameter storm sewer, 470 m of 200 mm to 300 mm diameter sanitary sewer, 4,100 m ² of asphalt roadway, 1,230 m ² of concrete sidewalk, 920 m of concrete curb and gutter and other miscellaneous works for the reconstruction of Dover Street and Hamilton Street. Work is required to address the poor condition of these assets, capacity limitations, and risk of failures.	\$2,370,000	\$615,934	Ongoing
Local Roads and Bridges	Cambridge, City of	Fearnwood St, Shaw Ave and Trillium Ave Reconstruction	Reconstruction of Fearnwood St (Fisher Mills to Milton), Shaw Ave (Fearnwood to Trillium), and Trillium Ave (Fisher Mills to Shaw). Includes replacement of watermain, sanitary sewers, storm sewers and road infrastructure due to deterioration. Also includes replacement of sidewalk, curb, traffic signs, streetlight relocation and utility relocation.	\$2,849,113	\$268,941	Ongoing
Local Roads and Bridges	Cambridge, City of	Cambridge and Park Hill Road East Reconstruction	Reconstruction of Cambridge St from Parkhill Rd to Dundas St and Parkhill Rd from Ainslie St to Wellington St. Includes replacement of watermain, sanitary sewers, storm sewers and road infrastructure due to deterioration. Additionally, includes replacement of sidewalk, curb, traffic signs, streetlight relocation and utility relocation.	\$4,142,578	\$492,831	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cambridge, City of	Selkirk and Tait Reconstruction	Reconstruction of Selkirk St (Tait St to Glenmorris St) and Tait St (Dumfries St to First Ave). Project includes replacement of watermain, sanitary sewers, storm sewers and pavement due to deterioration. Also includes replacement of sidewalk, curb, traffic signs and utility relocation. Project addresses water and sewer backlog as per long range financial plan along with storm and road infrastructure needs. Project includes upsizing of existing 100 mm watermain.	\$2,483,805	\$95,476	Ongoing
Local Roads and Bridges	Cambridge, City of	Clarence and Tannery Street Reconstruction	Reconstruction of Clarence St (Franklin Blvd to Strathcona St) and Tannery St (Adam St to end). Project involves the replacement of watermain, sanitary sewers, storm sewers and pavement due to deterioration. Also includes replacement of sidewalk, curb, traffic signs and utility relocation. Project addresses water and sewer backlog as per long range financial plan, along with storm and road infrastructure needs. Project includes upsizing of existing 100 mm watermain.	\$2,264,164	\$84,747	Ongoing
Local Roads and Bridges	Cambridge, City of	Forest Rd Reconstruction	Reconstruction of Forest Road from Churchill Drive to Victoria Ave. Project involves the replacement of watermain, sanitary sewers, storm sewers and road infrastructure due to deterioration. Also includes replacement of sidewalk, curb, traffic signs, streetlight relocation and utility relocation. Project also addresses water and sewer backlog, as per long range financial plan, along with storm and road infrastructure needs.	\$1,579,039	\$64,985	Ongoing
Local Roads and Bridges	Cambridge, City of	Blair Road Culvert Renewal	Installation of a 2,400 x 1,500 mm precast box culvert with two concrete headwalls on Blair Road. Associated work - such as traffic control, excavation, dewatering, slope stabilization, rip rap placement, construction of road sub-base, base, asphalt pavement, curb and gutter as well as removal and replacement of guide rail - is also included. Work addresses a culvert backlog as per the long range financial plan along with infrastructure needs. Project includes up-sizing of the existing culvert.	\$553,182	\$2,940	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cambridge, City of	Replacement of Two Trail Bridges	Replacement and design of trail bridges BB110 (Mill Run) and BB134 (Mill Race) in 2019. Bridges are at the end of their useful lives and are significantly structurally compromised due to natural decay.	\$646,646	\$0	Ongoing
Local Roads and Bridges	Cambridge, City of	Wright Ave and Goldie Ave Reconstruction	Reconstruction of Wright Ave from Coronation Blvd to Goldie Ave and Goldie Ave from Wright Ave to Coronation Blvd including easement to the Grand River. Project involves replacement of water, sanitary, storm and road infrastructure due to deterioration. Work also involves replacement of sidewalk, curb, driveway ramps, and traffic signs, as well as streetlight renewal and utility relocation.	\$2,008,548	\$0	Ongoing
Local Roads and Bridges	Cambridge, City of	Road Reconstruction - Elliott St and Burrows St	Reconstruction of Elliott Street from Henry Street to East Street and Burrows Street from Elliott Street to end. Project includes replacement of water, sanitary, storm and road infrastructure due to deterioration. Also includes replacement of sidewalk, curb, traffic signs and utility relocation.	\$2,166,961	\$109,326	Ongoing
Local Roads and Bridges	Carleton Place, Town of	Overlay of Santiago St - Park Ave to Lenore St	The scope of work includes the complete removal of existing asphalt and replacement with new asphalt. This section of road was originally constructed in various phases, but all segments are over 20 years old. The road base is still in good condition, therefore the replacement of the asphalt surface should extend the lifespan of the road section for a number of years.	\$32,928	\$32,928	Complete
Local Roads and Bridges	Carleton Place, Town of	Overlay of Moffatt St - High St to Townline Rd W	The scope of work includes the complete removal of existing asphalt and replacement with new asphalt. This section of road was originally constructed in various phases, but all segments are over 20 years old. The road base is still in good condition, therefore the replacement of the asphalt surface should extend the lifespan of the road section for a number of years.	\$52,185	\$52,185	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Carleton Place, Town of	Overlay of Miguel St - Park Ave to Lenore St	The scope of work includes the complete removal of existing asphalt and replacement with new asphalt. This section of road was originally constructed in various phases, but all segments are over 20 years old. The road base is still in good condition, therefore the replacement of the asphalt surface should extend the lifespan of the road section for a number of years.	\$29,617	\$29,617	Complete
Local Roads and Bridges	Carlow/Mayo, Township of	Surface Treatment of A. Guy Wilson Road	The Township is applying a double surface treatment to approximately 13,725 sq. m of driving area on A. Guy Wilson Road (between Kuno Rd and Boulter Rd). Treatment consists of one application of HF150 P Emulsion with Class 3 (5/8 Stone) and one application of HF150 P Emulsion with Class 6 (HL3 Stone Chips). Work is intended to increase safety and reduce greenhouse gas emissions.	\$86,255	\$84,764	Complete
Local Roads and Bridges	Casey, Township of	Resurfacing the New Extension of St Joseph Blvd	The Township of Casey extended St. Joseph Blvd last year. Additional gravel was applied to resurface the extension this year. Resurfacing reduced the buildup of washboard and bumps, improving safety for residents of the Township.	\$6,755	\$4,438	Complete
Local Roads and Bridges	Casey, Township of	Resurfacing Maybrook Road	Supply and apply gravel to resurface roughly 3.25 km of Maybrook Road from Moose Creek Line to Sales Barn Road. Maybrook Road is a heavily traveled section of road as it's the main road used by residents when accessing the landfill. By resurfacing this section of gravel road the Township of Casey is reducing hazardous washboard and bumps and improving safety.	\$41,405	\$41,405	Complete
Local Roads and Bridges	Cavan Monaghan, Township of	Rehabilitation of Roads - Hot Mix	Road paving and installation of HCB on the entirety of Poplar Plains Dr, Fallingbrook Dr, and Cavan Wood Dr, Blue Jay St, and Alexander Dr (0.83 lane-km in total). The project involves removal of deteriorated asphalt surface, placing a thin layer of granular to ensure proper grading and replacing it with 40 mm of new asphalt.	\$25,612	\$25,612	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cavan Monaghan, Township of	Surface Treatment of Stewart Line, Sharpe Line and Syer Line	The existing surface treatments on sections of Stewart Line (2.3km), Sharpe Line (1.7km) and Syer Line (800m) were at the end of their useful lives and were therefore replaced with new gravel and double surface treatment road surface.	\$104,663	\$104,663	Complete
Local Roads and Bridges	Cavan Monaghan, Township of	Slurry Seal of Multiple Roads	The Township completed several slurry seal surface treatments. Sections include Beardsmore Road (200m north of airport Rd to Worboy Ct), Deyell Line (T-Way Dr to Hutchison Dr), Dranoel Road (Hwy 7A to 1489 Dranoel Rd), Dranoel Drive (Hwy 7A to Dranoel Rd), Hayes Line (County Rd 10 to Best Rd), Larmer Line (County Rd 10 to Hwy 115 Bridge), Morton Line (County Road 10 to CPR Crossing), and Syer Line (Tapley 1/4 Line to CPR Bridge). This extends the life of the road surface an additional 5-7 year	\$243,040	\$243,040	Complete
Local Roads and Bridges	Central Elgin, Municipality of	Various Hot Mix Paving and Surface Treatment	The Municipality is completing full depth hot mix resurfacing on 1.746 km of road, replacing the top coat of 0.823 km of road with hot mix asphalt, and applying double surface treatment to 5.758 km of road. This work is being completed pursuant to the Municipality's Roads Need Study and Asset Management Plan.	\$1,173,000	\$790,203	Complete
Local Roads and Bridges	Central Frontenac, Township of	Ardoch Rd Reconstruction	Ardoch Rd is a 5.99km vital connector rd to our northern neighbors and is beyond its expected useful lifecycle. The Township has therefore removed and replaced specified centerline and entrance culverts, pulverized and completed a full excavation and reconstruction in certain locations, removed rock and dug ditches, replaced the centerline and entrance culverts and has applied a granular surface treatment.	\$786,144	\$411,399	Complete
Local Roads and Bridges	Central Huron, Municipality of	Culvert Rehabilitation - Fish & Game Line	The south abutment of a culvert on Fish & Game Line had eroded. Both ends were cracked and delaminated. Pattern cracking was additionally evident on the east half of the soffit. The culvert was therefore rehabilitated.	\$350,178	\$244,458	Complete
Local Roads and Bridges	Central Huron, Municipality of	Top Coat Paving - Hullet-McKillop Road	Top coat paving of Hullet-McKillop Road from London Road to Limekiln Line.	\$297,468	\$230,982	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Central Manitoulin, Municipality of	Cress Road Rebuild	This project is a road rebuild on Cress Road from HWY 551 south for 1.7 km. The work included ditching and culvert replacement for improved drainage as well as a grade raise, finished grading and shaping for the gravel road. The objective was to provide a safer driving surface to the public.	\$88,000	\$37,266	Complete
Local Roads and Bridges	Central Manitoulin, Municipality of	Blue Road Rehabilitation	A new double surface treatment was installed on Blue Road from 2km east of Monument Road eastward for 2 km to Cress Road. The road had been previously grading and shaped gravel road. The objective was to provide a safer driving surface to the public. Ditching was also completed to improve area drainage and handle runoff more efficiently.	\$86,040	\$75,000	Complete
Local Roads and Bridges	Central Manitoulin, Municipality of	Beaver Road Resurfacing	A new surface was installed with grading and reshaping on Beaver Road from Grimesthorpe westward for 1.5 km. The objective was to provide a safer driving surface to the public. Ditching was also completed to improve area drainage and handle runoff more efficiently.	\$80,000	\$71,000	Complete
Local Roads and Bridges	Central Manitoulin, Municipality of	Monument Road Rehabilitation	A new surface was installed with grading and reshaping on Monument Road from 600m North of Tracey Road southward for 0.4 km. The objective was to provide a safer driving surface to the public. Ditching was also completed to improve area drainage and handle runoff more efficiently. Shrub removal to improve sight lines around curves was also completed.	\$20,000	\$18,000	Complete
Local Roads and Bridges	Central Manitoulin, Municipality of	Government Road Rehabilitation	A new surface was installed with grading and reshaping on Government Road from Yonge Street eastward for 1.2 km. The objective was to provide a safer driving surface to the public. Ditching was also completed to improve area drainage and handle runoff more efficiently. Shrub removal to improve sight lines at the corner was also completed.	\$58,243	\$58,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Central Manitoulin, Municipality of	Replacement of Union Road Bridge	The project involves the removal of an existing 60 year old bridge structure consisting of wooden piers, abutments, beam and girders, as well as a wooden deck surface treated with tar and gravel. The replacement structure incorporates a new pre-cast concrete arched bridge and a pre-cast concrete headwall structure with a granular road base designed.	\$1,194,000	\$0	Complete
Local Roads and Bridges	Centre Hastings, Municipality of	Quin-Mo-Lac Road Rehabilitation	The Municipality rehabilitated Quin-Mo-Lac Road. Work will significantly improve the road surface and extend the useful life of this asset, reducing maintenance and improving safety for travelling public. Work involves pulverizing 4.0 km of road, ditching approximately 6,000 m, dig outs of approximately 500 m, replacing one cross culvert, adding 4" of Granular "M" gravel, and the applying hot mix asphalt to 6.0 km of the road to create a new surface.	\$500,000	\$62,000	Complete
Local Roads and Bridges	Centre Wellington, Township of	Gravel Road Reconstruction - Sideroad 10 - WR 7 to Gerrie Rd	This project is a full rural road reconstruction. The improved drainage and road base will provide a safer and more durable road design.	\$174,392	\$81,632	Complete
Local Roads and Bridges	Centre Wellington, Township of	Rural Road Paving - First Line - WR 19 to Sideroad 10	First Line is being upgraded from its current gravel surface to a paved surface. Work involves paving a 1,000 m section of the road with 70 mm of asphalt and a 900 m section of the road with 100 mm of asphalt. The pavement upgrades will offer a safer and more durable road design.	\$231,008	\$23,101	Complete
Local Roads and Bridges	Centre Wellington, Township of	Rural Road Asphalt Resurfacing - Third Line - WR 19 to 1,600 m South of WR 19	Third Line is being resurfaced. Work involves removing existing asphalt and repaving the road with 50 mm of asphalt. The current road surface has well exceeded its service life. The pavement upgrades will offer a safer and more durable road design.	\$110,098	\$110,098	Complete
Local Roads and Bridges	Centre Wellington, Township of	Rural Road Asphalt Resurfacing - Eighth Line W - Middlebrook Rd to WR 18	Eighth Line is being resurfaced. Work involves removing existing asphalt and repaving the road with 100 mm of asphalt. The current road surface has well exceeded its service life. The pavement upgrades will offer a safer and more durable road design.	\$431,831	\$431,831	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Centre Wellington, Township of	Full Street Reconstruction - Princess St (Elora) - Church St to Grand River	This project is a full urban street reconstruction. Deteriorated sewer, watermain, and road are being rebuilt. The current road surface has well exceeded its service life. The pavement upgrades will offer a safer and more durable road design.	\$640,000	\$0	Ongoing
Local Roads and Bridges	Centre Wellington, Township of	Full Street Reconstruction - High St - McNab to York	This project is a full urban street reconstruction. Deteriorated sewer, watermain, and road are being proposed to be rebuilt as the project scope. The current road surface has well exceeded its service life, the pavement upgrades will offer a safer more durable road design.	\$800,000	\$0	Ongoing
Local Roads and Bridges	Centre Wellington, Township of	Full Street Reconstruction - York St - Waterloo to Victoria	This project is a full urban street reconstruction. Deteriorated sewer, watermain, and road are being proposed to be rebuilt as the project scope. The current road surface has well exceeded its service life, the pavement upgrades will offer a safer more durable road design.	\$1,210,000	\$0	Ongoing
Local Roads and Bridges	Chamberlain, Township of	Road 7 Culvert Replacement	A section of culvert on Chamberlain Road 7 is failing and eroding the road. The replacement of the culvert is necessary to avoid future closure of the road and maintain the safety of the roadway.	\$12,677	\$12,677	Complete
Local Roads and Bridges	Chamberlain, Township of	Resurfacing Aidie Creek Road West	A 1 km long section of Aidie Creek Road has exceeded its expected life and is significantly degraded. Reconstruction of this section involves the addition of gravel material.	\$25,440	\$25,440	Complete
Local Roads and Bridges	Champlain, Township of	Rehabilitation of Three Bridges	The Township rehabilitated Villeneuve Bridge, Little Rideau Bridge and Ritchance Bridge. Work addressed cracks and spalling in the concrete and involved salt guard application. The life span of each bridge has increased by approximately 15% as a result of this work.	\$127,052	\$126,672	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Champlain, Township of	Rehabilitation of Davidson Street	Davidson Street is the main arterial of a subdivision. The road had a pavement condition index (PCI) of 40 to 70 and was in need of rehabilitation. The Township therefore completed a full depth reclamation of pavement and restoration of the surface (including pulverization, compaction, and grading) over the full 1,100 m length and 6.7 m width of the road. The PCI is now above 85 for the entire road following the renewal.	\$150,613	\$5,544	Complete
Local Roads and Bridges	Champlain, Township of	Rehabilitation of Burroughs Street	Burroughs Street is the main arterial of a subdivision. The road had a pavement condition index (PCI) of 40 to 45 and was in need of rehabilitation. The Township therefore completed a full depth reclamation of pavement and restoration of the surface (including pulverization, compaction, and grading) over the full 350 m length and 7.7 m width of the road. The PCI is now above 85 for the entire road following the renewal.	\$57,475	\$53,945	Complete
Local Roads and Bridges	Charlton and Dack, Municipality of	Rehabilitation of Palmateer Road	A 1.5 km section of Palmateer Road has exceeded its expected life and is significantly degraded. Reconstruction of this section involves the addition of gravel.	\$44,265	\$44,265	Complete
Local Roads and Bridges	Chatham-Kent, Municipality of	Rehabilitation of Communication Road, Front Line, and Middle Line	The municipality is rehabilitating 4.2 km of Communication Road (south of Highway 401 to Drury Line), 2.0 km of Front Line (2,100 m west of Kent Bridge Road to Mull Road), and 8.2 km of Middle Line (west limit of the Town of Merlin to Valetta Road). □ The rehabilitation of road assets is prioritized in the asset management plan based on Pavement Condition Index (PCI) each year.	\$3,338,541	\$1,541,794	Complete
Local Roads and Bridges	Chatham-Kent, Municipality of	William Street Bridge Rehabilitation	The municipality is replacing the bridge deck and girders, rehabilitating the existing abutments and wing walls and installing new guide rails. □ □ Renewal of this bridge will extend the life of the structure. Proper bridge rehabilitation is essential to the transportation network in our community.	\$840,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Chatham-Kent, Municipality of	Town Line Bridge Rehabilitation	The municipality is replacing the bridge deck and girders, rehabilitating the existing abutments and wing walls and installing new guide rails. □ □ Renewal of this bridge will extend the life of the structure. Proper bridge rehabilitation is essential to the transportation network in our community.	\$1,050,000	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Indian Creek Road Rehabilitation	Replacement of bridge deck and girders, rehabilitation of the existing abutments and wing walls and installation of guide rails for the portion of Indian Creek Road crossing Indian Creek. □ □ Renewal of this bridge will extend the life of the structure. Proper bridge rehabilitation is essential to the transportation network in our community.	\$1,260,000	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Drake Road Rehabilitation	Scope of work is the replacement of the bridge deck, rehabilitation of existing girders, abutments and wing wall and installation of new guide rails for the portion of Drake Road on Finn and Cooper Bridge. □ □ Renewal of this bridge will extend the life of the structure. Proper bridge rehabilitation is essential to the transportation network in our community.	\$975,000	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Third Line Bridge Rehabilitation	Rehabilitation of the concrete deck, girders, abutments & piers and installation of new guiderails for Third Line Bridge crossing over Raleigh Plains. □ □ Renewal of this bridge will extend the life of the structure. Proper bridge rehabilitation is essential to the transportation network in our community.	\$9,750,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Chatham-Kent, Municipality of	Keil Drive Extension - Bordeaux to Indian Creek	The Municipality is extending Keil Drive from Bordeaux to Indian Creek to improve traffic flow in the area and satisfy a recommendation in the Transportation Master Plan. The extension will facilitate growth in the Southwest quadrant of Chatham. Sanitary, storm, and water infrastructure will be extended where necessary as part of this road extension.	\$2,532,000	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Bloomfield Business Park Extension - Phase 2	The Municipality is installing new infrastructure to extend Bloomfield Business Park and accommodate future developments. Phase 2 extends Prosperity Way to Seventh Line West, and extends Seventh Line West to the existing wooded lot. Work involves installing a new sanitary sewer, storm sewer, watermain, granular road base, and asphalt surface, as well as curbs, gutter, and street lighting.	\$2,400,000	\$334,461	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Merlin Road and Queen's Line Intersection Improvement	A traffic study was conducted at the intersection of Queen's Line and Merlin Road due to safety concerns raised by motorists. The study indicated that new left turn lanes are currently warranted on Queen's Line and a traffic signal will be warranted in the near future. □ This project improves the intersection to address recommendations made in the study and improve intersection safety. The improvement will result in a controlled intersection with either a roundabout or a traffic signal.	\$2,000,000	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Replacement of McDougall Line Bridge over Government Drain #1	The bridge located on McDougall Line spanning Government Drain #1 in the Community of Tilbury East is being replaced with a fixed, single span structure. A nearby road is also being realigned to allow larger vehicles to make safer turning movements onto Queens Line.	\$2,755,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Chatham-Kent, Municipality of	Base Line Bridge over Sydenham River - Mechanical and Structural Rehabilitation	Base Line Bridge over Sydenham River is a movable bridge which allows taller boats to access downtown Wallaceburg and the upper reaches of the Sydenham River, including the North Branch of the Sydenham River. This project involves the rehabilitation of the mechanical components which allow this bridge to function as a movable bridge, as well as the rehabilitation of the structural elements that support the bridge.	\$4,625,381	\$918,579	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Bridge Rehabilitation - Clachan Road over Thames River	The Clachan Road Bridge over the Thames River was built in 1958 and is in need of rehabilitation. By replacing the concrete deck and railings, traffic and pedestrians can continue to safely cross the Thames River. The bridge is currently load posted. <ul style="list-style-type: none"> • Remove & replace south approach guide rail & installation of guide rail on the north approach • Remove and replace asphalt surface & waterproofing membrane, curbs, barriers and bridge deck • Deep concrete patch repairs on the abutments 	\$4,100,000	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Bridge Replacement - Mint Line over King and Whittle Drain	The existing slab on the girder bridge is being replaced with the same. New footings, foundations, girders, concrete deck and guiderails are being installed.	\$769,285	\$549,087	Complete
Local Roads and Bridges	Chatham-Kent, Municipality of	Rehabilitation of the Bridge on Pain Court Line over McFarlane Relief Drain	This project involves removal and replacement of the deck and replacement or rehabilitation of concrete box beams, the drainage system and the traffic barrier.	\$1,216,587	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	3rd Street Bridge over Thames River Rehabilitation	The 3rd Street Bridge over the Thames River is a 3-span, Twin Leaf Bascule moveable bridge that will undergo rehabilitation to convert it to a fixed bridge. The rehabilitation will address repairs to the concrete piers and abutments, deck replacement, structural steel rehabilitation, barrier replacement, sidewalk and lighting replacement.	\$14,006,500	\$8,730,499	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Chatsworth, Township of	Reconstruction of Sideroad 7	The reconstruction of Sideroad 7 between Concession 6 and Concession 8 involves removing old hardtop, replacing gravel to form a good base, replacing culverts, and installing new hardtop. This road is well travelled by township residents and is identified in our asset management plan as an immediate need.	\$790,100	\$199,570	Ongoing
Local Roads and Bridges	Chatsworth, Township of	Hardtop Resurfacing of Sideroad 60	The reconstruction of 60 Sideroad between Veterans Road and Concession 3B involves removing old hardtop and gravel, replacing gravel to form a new base, and replacing culverts and asphalt of an existing asset. This is a well-travelled road and is identified in our asset management plan as an immediate need.	\$790,100	\$331,641	Ongoing
Local Roads and Bridges	Chisholm, Township of	Rehabilitation of Village Road	The Township replaced four cross road culverts, added a 150 mm gravel lift, and hard surfaced Village Road from the East Ferris municipal boundary to 2103 Village Road. The section of Village road connects the township with resources not found within the township such as groceries, schools, community centres, arenas, etc. and is one of the main entrances into the township. This section of road has a higher daily traffic count, deteriorated faster, and was scheduled for rehabilitation in our AMP.	\$158,579	\$125,000	Complete
Local Roads and Bridges	Clarence-Rockland, City of	Ditch Improvement on Agathe Street and Wolfe Street	This project was for the improvement of ditches on Agathe and Wolfe Streets in preparation for repaving in 2022. A total of 639 m of ditches were improved and one road crossing culvert was replaced. This will benefit the structure of the road and prolong its new life expectancy.	\$270,662	\$120,000	Complete
Local Roads and Bridges	Clarence-Rockland, City of	Culvert Replacement on Du Lac Rd	The City is replacing one culvert and structurally relining another that have reached or exceeded their useful lives. The culvert being replaced is a 750 mm diameter CSP pipe and is being replaced with a 1.20 m diameter HDPE pipe. The culvert being relined is a 750 mm diameter CSP pipe. Both culverts are approximately 4.5 m deep, which forces the design to include a gabion basket wall on both sides of the road. The three cable guard rail is also being replaced with a steel beam guard rail.	\$646,047	\$513,006	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Clarence-Rockland, City of	Mill-Pave of Various Streets	The City is milling and paving 11 streets (2,154 m). These streets have been identified in our ten (10) year asset management program to be addressed in 2020 as described.	\$725,343	\$181,201	Complete
Local Roads and Bridges	Clarington, Municipality of	Surface Treatment of Multiple Streets	The scope of work includes ditching, pulverizing the existing surface, placement of additional granular 'A', grading, compaction, and resurfacing with double surface treatment and fog seal. Roads completed last year will receive a slurry seal and line painting this year. The objective of the project is to improve the serviceability and safety of the roads. Approximately 65.8 km of roadway are being resurfaced and 75.0 km are being treated with slurry seal.	\$3,861,798	\$2,779,000	Complete
Local Roads and Bridges	Clarington, Municipality of	Surface Treatment of Multiple Streets	The scope of work includes ditching, pulverizing the existing surface, placement of additional granular 'A', grading, compaction, and resurfacing with double surface treatment and fog seal. Roads completed last year will receive a slurry seal and line painting this year. The objective of the project is to improve the serviceability and safety of the roads. Approximately 28 km of roadway are being resurfaced and 49.2 km are being treated with slurry seal.	\$3,418,740	\$0	Complete
Local Roads and Bridges	Clarington, Municipality of	Pavement Rehabilitation of Multiple Streets	Pavement rehabilitation to extend the life cycle of road pavement structures with asphalt overlays in conjunction with asphalt base repairs. Work involves the re-paving and rehabilitation of 6,310 m of asphalt roadways, and preventative resurfacing of 5,080 m of asphalt roadways.	\$3,295,000	\$607,439	Ongoing
Local Roads and Bridges	Clarington, Municipality of	Construction of the Farewell Creek Trail (Phase 2)	Construction of a 3 m wide, 1,200 m long paved trail with two steel pedestrian bridges.	\$1,533,272	\$229,000	Ongoing
Local Roads and Bridges	Clearview, Township of	Reconstruction of Riverside Drive	Engineering, design, and reconstruction of Riverside Drive in Creemore.	\$120,000	\$39,915	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Clearview, Township of	Resurfacing of 30/31 Sideroad Nottawasaga	30/31 Sideroad Nottawasaga was resurfaced from CR124 to Concession 10. This section of road was identified through our Roads Asset Management Software as requiring rehabilitation due to the deteriorating condition. This road acts as an interior road and connects people to the rural areas of Nottawasaga.	\$356,433	\$356,433	Complete
Local Roads and Bridges	Clearview, Township of	Resurfacing of Hogback Road	Hogback Road was resurfaced from the Adjala-Tos Townline to 6/7 Sideorad. This section of road was identified through our Roads Asset Management Software as requiring rehabilitation due to the deteriorating condition. Sections in very poor condition were excavated and rebuilt from the base to the top. Culverts in disrepair were replaced in the road section. This road acts as an interior road and connects people to the community of New Lowell.	\$605,265	\$475,000	Complete
Local Roads and Bridges	Clearview, Township of	Reconstruction of Nottawa Concession 10 & County Road 91	Total reconstruction of County Road 91 from County road 124 west to Concession 10 and Concession 10 from County road 91 north to 30/31 Side Road.	\$10,500,000	\$500,000	Ongoing
Local Roads and Bridges	Cobourg, Town of	Traffic Signal Replacement - University Ave W at William St	Traffic signals at the intersection of University Ave W and William Street are being replaced. The existing signals were old and beyond repair. This is a high volume intersection for both pedestrians and vehicles. In addition, a new 70-unit rental apartment building is nearing completion in this area, and this will add to the traffic at this intersection going forward, so a safe crossing for pedestrians will take on even more importance.	\$50,000	\$22,486	Ongoing
Local Roads and Bridges	Cobourg, Town of	Traffic Signal Replacement - King St E at Merwin Greer School	Traffic signals on King St E at Merwin Greer School are being replaced. The mechanisms are old and beyond repair. This signal is critical as it allows for safe passage to elementary school.	\$50,000	\$27,473	Ongoing
Local Roads and Bridges	Cobourg, Town of	Traffic Signal Upgrade - Intersection of Elgin and Burnham	Traffic signals at the intersection of Elgin St and Burnham St are being upgraded to include accessible pedestrian signals.	\$25,000	\$22,959	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cobourg, Town of	King Street West Reconstruction	King St W from Burnham St to William St is experiencing frequent watermain breaks and ranks high in the Asset Management Plan. The roadway, storm and sanitary sewers were all built in the 1960s and are all in need of replacement.	\$2,300,000	\$16,616	Ongoing
Local Roads and Bridges	Cobourg, Town of	Reconstruction of Burke St, Blake St, and Victoria St	Burke St (205 m), Blake St (203 m), and Victoria St (143 m) have sanitary, storm and watermain deficiencies. Existing sanitary is constructed of vitrified clay and the storm sewer is undersized. All three streets are located in the central core residential area and are being replaced.	\$2,700,000	\$55,805	Ongoing
Local Roads and Bridges	Cobourg, Town of	Sidewalk Construction - Abbott Blvd	The Town is constructing 700 m of sidewalk on Abbott Blvd. The Town has a biannual program to add new sidewalks in areas where they are required in accordance with the Town's Official Plan. A system has been identified to rate the highest priority areas.	\$201,267	\$200,000	Complete
Local Roads and Bridges	Cobourg, Town of	Elgin Street West Shared Path Construction	Completion of a shared walking/biking path along Elgin St West from Burnham St to Rogers Rd.	\$100,000	\$0	Complete
Local Roads and Bridges	Cobourg, Town of	Matthew Street Reconstruction	Matthew Street between King Street West and University Avenue East is being updated. Work involves the replacement of sanitary sewers, storm sewers, and watermain. This street was given a high priority in the Asset Management Plan.	\$1,405,871	\$0	Ongoing
Local Roads and Bridges	Cobourg, Town of	Kerr Street Construction - Ontario to D'Arcy	Construction of Kerr Street west from Division to the rail spur line in order to assist with the construction of the Midtown Creek ponding area. The project will also include the construction of Kerr Street East from Division Street to D'arcy St. A pedestrian trail along the road side is also included in this project.	\$6,807,520	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cobourg, Town of	Resurfacing King St W - Maher St W to Cedar Shores	As a result of servicing a new development in the western section of town, a portion of King St W, approximately 140 m in length from Maher St W to just past the entrance to the new subdivision (to be known as Cedar Shores) was replaced. This project is for the work done on the northern half of this portion (70 m); the southern half was completed by the developer.	\$275,000	\$0	Complete
Local Roads and Bridges	Cobourg, Town of	Rehabilitation of Sidewalks in the Downtown Core	Work involves rehabilitating downtown sidewalks to remove trip hazards and improve pedestrian safety.	\$250,000	\$0	Ongoing
Local Roads and Bridges	Cobourg, Town of	Bridge & Culvert Improvements	The Town assesses the condition of bridges and culverts regularly. Ten structures were assessed under this project; five were found to be in poor condition and are therefore being rehabilitated to ensure the continued safety of residents and travellers. The five are located on Park St, Covert St, Buck St, Elgin St E, and University Ave W. The Elgin Street East culvert upgrade includes extending the top of the culvert and adding guiderail on both sides.	\$1,435,000	\$385,774	Ongoing
Local Roads and Bridges	Cobourg, Town of	Widening and Reconstruction of Albert Street	Widening and reconstruction of 610 m of Albert St from Third St west towards Ontario St. Albert St is a major cross-town roadway which provides an alternate route to King St, the main street in Cobourg. This is critical as portions of King St are closed often for events when the traffic volume shifts to the Albert St corridor. The current condition of asphalt is poor and in need of replacement. This project also includes the replacement of water, sanitary and storm sewers.	\$1,100,000	\$705,000	Complete
Local Roads and Bridges	Cochrane, Town of	Reconstruction of 2nd St, Aurora Ave, and Nakita Ave	A full road reconstruction of 2nd St (3rd Ave to Nakita Ave - 25m beyond), Nakita Ave (Hwy 11 to 2nd St), and Aurora Ave (Hwy 11 to 2nd St) including surface, base, ditching, and storm water catch basin and culverts. This is a primary road providing access to local businesses. A 2016 Road Needs Study indicated immediate reconstruction. Surface treatment and asphalt is at the end of its useful life. Storm water drainage is inadequate resulting in road deterioration.	\$3,950,000	\$729,353	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cochrane, Town of	Sidewalk Replacement in Various Locations	A total of 722.38 m of sidewalk were replaced in order to improve local transportation. The capital work done within our community has also improved the level of service provided to our residents, enhanced accessibility needs and encouraged recreational activity such as walking.	\$115,752	\$101,043	Complete
Local Roads and Bridges	Cochrane, Town of	Lillabelle Lake Bridge Replacement	The Lillabelle Lake Bridge is slated for replacement due to the existing deteriorated condition of the cribs with specific attention to the crushed bearing timbers. Rivard Engineering has completed a set of replacement drawings and the scope of work includes replacing the bearing timbers, replacing the top headwall timbers, connecting the approach guardrail to the bridge parapet wall, re-aligning the handrail pipe and replacing the deteriorated guard rail timber.	\$400,000	\$0	Ongoing
Local Roads and Bridges	Coleman, Township of	Resurfacing & Double Treatment of Various Township Roads	This project is for the single surface treatment of 25.65 km, double surface treatment of 4.75 km, application of Granular A, RAP, and grindings (34,895 tonnes over 16.8 km of RAP roads), safety upgrades, work on 11 culverts, and work as necessary to address frost heaves and soft spots. □ This project reduces greenhouse gas emissions by improving vehicle economies in fuel and maintenance and reduces the Township's requirements for new gravel and dust control materials.	\$1,880,281	\$74,023	Complete
Local Roads and Bridges	Collingwood, Town of	Sidewalk Construction on Huron Street	The existing 3 m wide asphalt path was also to act as a sidewalk for pedestrians along the north side of the road. With recent exceptionally high water levels, this asphalt path has been under water and unusable. This project installed 180 m of 1.5 m wide concrete sidewalk along the curb of the road to provide pedestrian access when water levels are high.	\$200,479	\$100,479	Complete
Local Roads and Bridges	Conmee, Township of	Rehabilitation of Holland Rd and Enders Road	Rehabilitation and resurfacing of Holland Road (between Maxwell and Sovereign Roads), and Enders Road (from Holland Road to Hunter Road).	\$84,173	\$34,482	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cornwall, City of	Asphalt Resurfacing at Multiple Locations	This project involves the rehabilitation and resurfacing of 12.33 km of existing roadways that are deemed to be in poor condition in various locations throughout the City. The road rehabilitation work was completed in conjunction with other linear infrastructure improvements such as the repair/replacement of curbs and sidewalks and/or complete roadway reconstructions.	\$3,500,000	\$594,187	Ongoing
Local Roads and Bridges	Cornwall, City of	Replacement of Fly Creek Culvert at Marleau	The City is replacing a 3.7m x 2.3m Corrugated Steel Pipe (CSP) Arch culvert which was installed in 1980. The 2019 OSIM inspections identified that the structure has reached the end of its lifespan and requires immediate replacement due to corrosion, separation in the seams and perforations in the barrel.	\$900,000	\$42,544	Ongoing
Local Roads and Bridges	Cornwall, City of	Road Improvements Guindon Park	This project involves the rehabilitation of existing unpaved roadways that were deemed to be in poor condition in various locations throughout the Guindon Park road network. Work resulted in improved condition ratings for 8.1 lane-km of unpaved roadways. Benefits include improved access and road condition to the Guindon Park trails for 46,000 municipal residents.	\$11,865	\$11,865	Complete
Local Roads and Bridges	Cornwall, City of	Replacement of Small Diameter Culvert	This project involves the replacement of a 900mm diameter polymer coated CSP that was determined to be in poor condition by a visual inspection.	\$96,153	\$67,961	Complete
Local Roads and Bridges	Cornwall, City of	Upgrade Traffic Lights at Two locations	The City is upgrading existing traffic signals at two intersections which addresses aging and non-conforming infrastructure. Older intersections/traffic signals require upgrades and need to be updated to meet current standards in order to reduce the risk of failure.	\$356,443	\$356,443	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cornwall, City of	Reconstruction of a Retaining Wall on Water Street	The concrete retaining wall was constructed in 1974 when Water St was widened to four lanes. The bi-annual structure inspections which evaluate the condition of bridges, large culverts and retaining walls have identified that the retaining wall requires extensive reconstruction. The latest inspection identified concrete spalling and delamination, corroded rebar, large vertical cracks, and separation between main wall and secondary walls at multiple driveway entrances.	\$344,270	\$0	Complete
Local Roads and Bridges	Cornwall, City of	Construction of New Sidewalks at Multiple Locations	This project involves the construction of approximately 823 linear metres of new sidewalks on two existing City streets. Both streets are considered to be Collector roadways, which typically have a sidewalk on each side of the street. The construction of the new sidewalks on both Marlborough Street and Cumberland Street act as connecting links between existing sidewalk segments.	\$340,000	\$0	Complete
Local Roads and Bridges	Cornwall, City of	Culvert Replacement on Benny Ave at Boals Drain	This project involves the replacement of a triple corrugated steel pipe (CSP) culvert that was recommended to be replaced in 2017, following the completion of the biennial Ontario Structure Inspection Manual (OSIM) inspection and subsequent low Bridge Condition Index rating it received. The OSIM inspection and report observed structural corrosion of the CSP that indicated that it needed to be replaced within 1 to 5 years.	\$526,991	\$421,106	Complete
Local Roads and Bridges	Cornwall, City of	Asphalt Resurfacing at Multiple Locations	This project involves the rehabilitation and resurfacing of 6.7 km of roadways that are deemed to be in poor condition in various locations throughout the City. The road rehabilitation work is being completed in conjunction with other linear infrastructure improvements such as the repair/replacement of curbs and sidewalks and/or complete roadway reconstructions.	\$3,992,340	\$728,764	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Cornwall, City of	Asphalt Resurfacing at Multiple Locations	This project involves the rehabilitation and resurfacing of 8.61 lane-km of existing roadways that are deemed to be in poor condition in various locations throughout the City. The road rehabilitation work was completed in conjunction with other linear infrastructure improvements such as the repair/replacement of curbs and sidewalks and/or complete roadway reconstructions.	\$2,102,027	\$167,927	Complete
Local Roads and Bridges	Cornwall, City of	Asphalt Resurfacing at Multiple Locations	This project is to overlay 10.2 km of asphalt in poor condition throughout various locations in the City. Also involved are arterial, collector and local roads. In addition, 1,526 m of curbs and 737 m of sidewalks are being rehabilitated in conjunction with road resurfacing.	\$2,879,955	\$309,271	Complete
Local Roads and Bridges	Dawn-Euphemia, Township of	Microsurfacing - Marthaville Rd and Lambton Line	Approximately 20 lane-km of Marthaville Rd and Lambton Line are receiving a microsurfacing treatment to extend the lifespan of the roadway.	\$252,211	\$62,384	Complete
Local Roads and Bridges	Dawson, Township of	Morrison Road Upgrade	Crushed gravel is being applied over Morrison Road starting at Hwy 11 and extending north to Advent Road. The new layer of gravel will enhance the surface of the roadway, which will improve the safety of vehicular traffic. This will encourage more efficient passage of traffic and should decrease greenhouse gas emissions.	\$24,116	\$24,116	Complete
Local Roads and Bridges	Deep River, Town of	Rehabilitation of Thomas Street and Kennedy Place	The scope of work consists of grading, granular base, hot mix paving, concrete curb installation, minor landscaping, storm and sanitary structure adjustment and extension of storm sewer system. □ The condition assessment completed utilizes a PCI, rating of the pavement condition based on the type and severity of distresses observed on the pavement surface. Thomas Street and Kennedy have a PCI of 48 and 49.	\$700,000	\$624,035	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Deseronto, Town of	Thomas St Resurfacing	The full depth of the existing pavement on Thomas St between First St and Fourth St was removed. Old pavement was hauled off site. Approximately 25 mm of granular "A" was added and was fine graded and compacted. An additional 50 mm of HL-3 asphalt was placed. Three catch basins, two sanitary sewers, and one water valve were also adjusted.	\$71,036	\$20,000	Complete
Local Roads and Bridges	Dorion, Township of	Gravel Resurfacing of Bible Camp Road and Fish Hatchery Road	Gravel resurfacing was expedited in 2021 to address drainage issues. Bible Camp Road received 3,500 tonnes of Granular 'A' from the old railbed to Hwy 11/17 (1.5 km) at a 7 m width and a depth of 0.15 m. Fish Hatchery Road received 7,700 tonnes of Granular 'A' on three sections totaling 3.3 km at a 7 m width and a depth of 0.15 m. Gravel resurfacing will improve drainage on both roadways.	\$291,902	\$44,290	Complete
Local Roads and Bridges	Douro-Dummer, Township of	Resurfacing of Daleview Road from County Rd 4 to Division Rd	Daleview Road needed to be resurfaced due to the age of the existing surface treatment. The section of road that this project covers is from County Rd 4 to Division Rd.	\$245,103	\$212,777	Complete
Local Roads and Bridges	Drummond/North Elmsley, Township of	Resurfacing of Various Roads	The Township's Asset Management plan identified a number of roads that rehabilitation would help extend the life of and improve the condition rating of. Approximately 10 lane-km of road were rehabilitated.	\$101,156	\$101,156	Complete
Local Roads and Bridges	Drummond/North Elmsley, Township of	Ebert Side Road Resurfacing	1.36 km of Ebert Side Road was upgraded with a single layer of surface treatment and a covering of fog-seal to improve the drivability and maintain the lifecycle of this asset.	\$47,587	\$47,587	Complete
Local Roads and Bridges	Drummond/North Elmsley, Township of	Subdivision Roadway Rehabilitation	Approximately 120 m of road in the sub-division were rehabilitated to improve safety. Work involved the reconstruction of the existing roadway base, drainage and sightline improvements, re-graveling of the driving surface, and geometric improvements.	\$41,536	\$41,536	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Drummond/North Elmsley, Township of	Reconstruction of Tennyson Rd	Tennyson Road is being reconstructed over a length of 14.8 km. The project involves redesigning and reconstructing existing roadways, completing a geotechnical investigation and topographic survey, culvert replacement, regrading ditches, pulverizing the existing surface, regrading the roadway and driveways with new granular material, and application of new surface material.	\$4,502,053	\$0	Complete
Local Roads and Bridges	Drummond/North Elmsley, Township of	Bridge Replacement - Armstrong & Buttermilk Bridges	The project involves redesign and replacement/upgrading of existing bridge structures including geotechnical investigation, topographic survey, regrading of roadway approaches, upgrading approach guard-rails along with inspection and construction.	\$1,000,000	\$0	Complete
Local Roads and Bridges	Dryden, City of	Asphalt Rehabilitation on Highway 17	Several sections of Highway 17 (between the east welcome sign and Marguerite St) were determined to be in very poor condition through the annual road survey. This two-year project addresses these deteriorated sections of the roadway. □ The rehabilitation of Highway 17 will enhance safety for residents and travelers using the road, as well as significantly reduce the continuous maintenance required to cold patch the original deteriorated asphalt road surface.	\$504,970	\$75,528	Ongoing
Local Roads and Bridges	Dryden, City of	Guiderail Replacement on Highway 601 Near Swanson Creek	Three wire guide rails on either side of Swanson Creek on Highway 601 are being replaced with steel driven posts and with beam section guide rails. The guide rails no longer met provincial standards (they were too short). As well, the design standard for guide rails has increased from the MASH standard to the NCHRRP standard and does not recommend three wire guard rails in the application at Swanson creek for new construction.	\$41,804	\$41,804	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Dryden, City of	Road Emulsified Surface Treatment Replacement	Replacement of sections of emulsified oil surface treated road segments to ensure that the driving surface is in compliance with the Minimum Maintenance Standards of the Province of Ontario. Palker Rd (from the intersection with Birchcliff Rd to the Highlands bridge approach for 350 m) and Birchcliff Rd (east from the intersection with Palker Rd for 150 m) were pulverized, reshaped to enhance drainage, and received a double lift of surface Treatment.	\$420,000	\$165,581	Ongoing
Local Roads and Bridges	Dryden, City of	Sidewalk & Curb Replacement	Dryden has 28.4 km of sidewalk and 130.1 km of curb. More than 10% of this is more than 40 years old and far past its useful life. Safety of pedestrians continues to be the core focus of the sidewalk rehabilitation program. This project (2017-2023), will replace ~2,940 sq. m. of concrete sidewalk, ~140 sq. m. of unistone sidewalk, and ~280 sq. m. of concrete curb.	\$475,000	\$109,970	Ongoing
Local Roads and Bridges	Dubreuilville, Township of	Improvements to Drainage in the Chemin du Lac Area	This project addressed drainage issues in the Chemin du Lac area. Water is not filtering the proper way, and entering into the residents driveways. Proper ditching swales were created, and new pavement and soft top material were added along 200 m of road to allow natural stormwater to follow the correct path to get to our storm sewers.	\$91,950	\$91,950	Complete
Local Roads and Bridges	Dufferin, County of	Resurfacing of Dufferin Road 10	Dufferin Road 10 was determined to be below standard and in need of resurfacing on our most recent Roads Needs Study. We therefore rehabilitated 5.6 lane-km of the road. Work involved replacement of culverts, localized ditching, full depth pulverization, shaping and compaction of the existing road platform, placement of asphalt (7.5 m width), and placement of shoulder gravel (1.5 m width). This will help reduce annual maintenance costs and provides a safer road for motorists.	\$907,702	\$400,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Dufferin, County of	Resurfacing Dufferin Road 3	Approximately 11 lane-km of Dufferin Road 3 was resurfaced. Work includes replacement of various road cross culverts and driveway culverts, localized ditching and topsoil restoration, full depth pulverization, grader shaping and compaction of the existing road platform, installation of three cable high tension guide rail, placement of 100 mm of HL8 base coarse asphalt, and 50 mm of HL3 surface coarse asphalt (9.0 m width), and the placement of granular 'A' shoulder gravel (2.5 m width).	\$2,638,144	\$1,864,955	Complete
Local Roads and Bridges	Dufferin, County of	Rehabilitation of Grand River Structure No. 2	A bridge on Dufferin County Rd 25 spanning the Grand River was rehabilitated. Work involved asphalt surface deck repairs, guide rail repairs, and concrete repairs to the abutments, wingwalls, soffit, girders, diaphragms, piers and fascia. This bridge was deemed a priority in our capital workplan in accordance with the OSIM report and our capital plan.	\$786,903	\$0	Complete
Local Roads and Bridges	Dufferin, County of	Rehabilitation of the Grand River Bridge	A bridge on Dufferin County Rd 25 spanning the Grand River was rehabilitated. Work involved replacement of the bearings, asphalt crack injections, coating of structural steel and concrete repairs to the abutments, wingwalls, soffit and fascia. This bridge was deemed a priority in our capital workplan in accordance with the OSIM report and our capital plan.	\$349,353	\$0	Complete
Local Roads and Bridges	Durham, Regional Municipality of	Replacement of Smith Bridge on Regional Road 11	Work involves the replacement of the existing timber bridge carrying Sandford Road (Regional Road 11) over Pefferlaw Brook in the Township of Uxbridge. Replacement of the existing bridge will address current deterioration and deficiencies.	\$2,200,000	\$1,655	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Durham, Regional Municipality of	Rehabilitation of Lake Ridge Road, RR23, from south of Concession 10 to south of RR 12	Rural upgrade to Lake Ridge Road (Regional Road 23) for 2.61 km in the Township of Brock. Work involves pulverizing asphalt, adding Granular A, placing new base and surface asphalt with partial depth/width paved shoulders, geometric improvements to sideroads and entrances, replacing culverts, installation of new roadside protection/safety measures, new pavement markings, ditching and restoration. Upon completion, the road will have a perfect surface condition and structural adequacy rating.	\$2,100,000	\$1,721,500	Ongoing
Local Roads and Bridges	Durham, Regional Municipality of	Regional Smart City Traffic Pilot	The safety improving technologies for deployment consist of equipment and intelligent algorithms that would allow for video-based monitoring and identification of potential traffic conflicts at strategically selected locations. The objective is to identify conflict zones at high collision intersections and mid-block locations and intervene with suitable operational or capital improvements. Six to eight camera systems will be used to view all movements at the same time.	\$840,000	\$14,145	Ongoing
Local Roads and Bridges	Durham, Regional Municipality of	Road Building Pilot Project with Regional Waste Materials	The scope of this pilot project involves reconstruction of the segment of RR18 lying between Concession Rd 5 and the bridge south of Kendall (located roughly 1.1 km south of RR9) incorporating waste material such as single use plastics and other blue box materials (e.g., glass), crushed concrete and/or recycled road asphalt. The beneficial and innovative use of materials within Durham Region will ensure that these materials are used locally and not exported for unknown uses elsewhere.	\$3,500,000	\$1,190,000	Ongoing
Local Roads and Bridges	Durham, Regional Municipality of	Reconstruction of Centre St from South of Adelaide Ave to Athol St	This project includes the replacement of the road structure (road base and asphalt), curb & gutter, storm sewer, watermain, sanitary sewer, improvements to the road geometry, new traffic signals, new pavement markings, and restoration of the landscaping along the reconstructed road.	\$15,060,000	\$52,611	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Durham, Regional Municipality of	Rehabilitation of Brock Road, Regional Road 57 and 9th Concession Road	This project includes rural upgrades to Brock Road (Uxbridge), Regional Road 57 and 9th Concession Road (total 11.1 km). The treatment involves pulverizing asphalt, adding virgin Granular A road base, placing new base and surface asphalt with partial depth/width paved shoulders, geometric improvements to curves, sideroads and entrances, replacing culverts, curb and guide rail, installation of new roadside protection/safety measures or devices, new pavement markings, ditching and restoration.	\$9,917,192	\$50,782	Complete
Local Roads and Bridges	Dutton/Dunwich, Municipality of	Marsh Line - Rehabilitation of Tar & Chip Turf	This project involved the rehabilitation of Marsh Line between the town edge and Currie Road. The result was improved drainage and an improved road surface. The useful life of this road section was also extended at least 15 years.	\$275,142	\$240,614	Ongoing
Local Roads and Bridges	Dysart Et Al, Municipality of	Rehabilitation of Haliburton Lake Road and Redkenn Road	Rehabilitation of 4.0 km of roads, including culvert replacement, regrading ditches, pulverizing the existing surface, regrading the roadway with new granular material and new surface material. □ □ The rehabilitation of these roads has improved the user experience by renewing the cross sections and profiles to allow for a smoother ride at normal operating speeds along. The process has removed the potholes, rutting and general roughness of a typical road at the end of its service life.	\$249,260	\$195,000	Complete
Local Roads and Bridges	Ear Falls, Township of	Sumac Avenue & Elm Street Rehabilitation	Rehabilitation of two municipal roads (Sumac Avenue and Elm Street) and the replacement of the underground infrastructure (water and wastewater) in order to provide safe and effective systems to the community.	\$1,496,297	\$88,484	Complete
Local Roads and Bridges	East Ferris, Municipality of	Resurfacing of Various Roads	As identified in our Asset Management Plan, Big Moose Road, Taillefer Road, and Guillemette Road were due for resurfacing in order to extend their useful life and not avoid complete reconstruction. The work will consist of a single surface treatment on a total of 6.1 kilometres of road network.	\$142,582	\$107,229	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	East Ferris, Municipality of	Lake Nosbonsing Road Reconstruction	Full reconstruction of a 2.4 kilometre section of Lake Nosbonsing Road. The reconstruction work consisted of pulverizing the old asphalt, placement of new granular 'A' material and reshaping the road to improve the surface crown. The road surface was completed with two lifts of Superpave 19.0 mm at the base and 12.5 mm for the wear course. A tack coat was placed between the two asphalt layers and the shoulders of the road were reshaped and lines repainted.	\$733,958	\$683,866	Complete
Local Roads and Bridges	East Garafraxa, Township of	Rehabilitation of the Bridge on 12 Line over the Grand River	The bowstring arch bridge crossing the Grand River on 12 Line is being rehabilitated to delay full replacement.	\$230,075	\$0	Ongoing
Local Roads and Bridges	East Garafraxa, Township of	Resurfacing 17th Line - Gravel Pits to the South End	The Township resurfaced about 1 km of 17th Line from the entrance to the gravel pits to the south end of the road. This section of road is a critical to the local economy. Gravel pits truck aggregate along this route to markets across Ontario. The road had become heavily rutted over time and was prone to flooding. Resurfacing was needed to ensure the continued safety of the roadway and the flow of goods.	\$120,000	\$97,203	Ongoing
Local Roads and Bridges	East Gwillimbury, Town of	Rehabilitation of Two Bridges on East Townline	Two bridges along East Townline (#000113 & #000114) require interim rehabilitation measures to extend their remaining service life by approximately 5 and 10 years, respectively. The concrete decks and timber soffit on both bridges are in poor condition and this interim rehabilitation will economically maximize their remaining service life while providing time to budget for their ultimate designs and reconstruction.	\$2,580,000	\$0	Ongoing
Local Roads and Bridges	East Gwillimbury, Town of	Rehabilitation of Sidewalks, Curbs, Gutters, and Other Concrete Infrastructure	The Town is replacing or rehabilitating deficient sidewalks, curbs and gutters, catch basins, and maintenance holes as well as improving drainage in miscellaneous locations throughout the municipality. Locations are identified through service requests, the sidewalk inspection program and regular road patrols.	\$158,000	\$3,569	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	East Gwillimbury, Town of	Rehabilitation of Multiple Roads	The Town is resurfacing roads, applying double high float surface treatment, and/or applying slurry seal to preserve the roadway and improve ride comfort. Work is occurring on Cedar St, Oakridge Ct, Forrestwood Cres, Royal Cedar Crt, Donlands Ave, Albert St, 2nd Concession Rd, Holborn Rd, Hornes Rd, Doane Rd, Centre St, Catering Rd, and Boad Rd.	\$1,613,000	\$493,831	Complete
Local Roads and Bridges	East Gwillimbury, Town of	Rehabilitation of 12 Roads	The Town is rehabilitating 16.46 lane-km road. Work is occurring on Stegman Rd, Hilltop Dr, Sharon Blvd, Oxford Ct, King St, 2nd Concession Rd, Holborn Rd, Cedar Street, Jeffery Crescent, Holborn Rd, Hornes Rd, and Doane Rd. This project optimizes and restores the service life and condition of our infrastructure. These projects ensure that we maximize value and available budget and effectively manage the Town's core infrastructure. Overall, these projects support the Town's strategic plan.	\$1,306,945	\$11,702	Ongoing
Local Roads and Bridges	East Gwillimbury, Town of	Rehabilitation of Sidewalks, Curbs, Gutters, and Other Concrete Infrastructure	The Town is replacing or rehabilitating deficient sidewalks, curbs and gutters, catch basins, and maintenance holes and improving drainage in miscellaneous locations where no other capital works are planned. Locations are identified through service requests, the sidewalk inspection program, and regular road patrols. Approximately 597 metres of concrete infrastructure are being rehabilitated or replaced.	\$201,250	\$0	Complete
Local Roads and Bridges	East Gwillimbury, Town of	Construction of New Sidewalks on Mount Albert Rd and Highway 48	Construction of 875 m of new sidewalk on Mount Albert Rd (from Tyson Drive walkway to Grist Mill plaza) and Hwy 48 (from Princess St to the Foodland grocery store). The new sidewalk on Mount Albert Rd provides a direct path to the plaza, a link to the bus stop, and is within a school zone. The new sidewalk on Hwy 48 provides a direct path to the grocery store and Home Hardware, and addresses the safety concerns of area residents by keeping pedestrians off the gravel shoulders.	\$230,000	\$777	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	East Hawkesbury, Township of	Concession 7 Road - Hot Mix Resurfacing	Hotmix is being applied on 2.3 km of roadway to extend the life of the road base. This segment of road was identified as in poor condition in our AMP and in need of rehabilitation.	\$152,250	\$93,310	Complete
Local Roads and Bridges	East Hawkesbury, Township of	St. Paul Street Repaving	This project entails the pulverization of existing asphalt and application of Hotmix HL4. St. Paul Street was identified as a repaving priority in our asset management plan. Repaving this 0.25 km long street will ensure the continued safety of local residents.	\$47,570	\$47,570	Complete
Local Roads and Bridges	East Hawkesbury, Township of	Concession 3 Paving	Overlay asphalt on Concession 3 from Nixon Road to Grande Monte (2.34 km in length). This road has been identified as being in poor condition and near the end of its life. Repaving the road at this time will ensure that the base doesn't deteriorate.	\$143,152	\$143,152	Complete
Local Roads and Bridges	East Hawkesbury, Township of	Golf Club Road Paving	This project involves full depth reclamation of pavement and restoration of the roadway surface along the full length of Golf Club Road (1.52 km). Work involves pulverizing, compacting, and paving with HL4 asphalt. □ This road was identified as being in poor condition in our asset management plan. The shoulders are additionally being paved to increase safety for pedestrians as road traffic has increased considerably in the last few years.	\$175,471	\$175,471	Complete
Local Roads and Bridges	East Hawkesbury, Township of	Culvert Replacement on Lemieux Rd	The Township is removing and replacing an existing concrete box culvert with a single circular culvert, meeting the requirements of the municipal drainage report.	\$43,607	\$43,607	Complete
Local Roads and Bridges	East Hawkesbury, Township of	Replacement of Culverts on Concession 6	To remove and replace an existing concrete box culvert and a small corrugated steel pipe culvert with a single circular culvert, meeting the requirements of the municipal drainage report for the Ranger Drain.	\$60,172	\$60,172	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	East Zorra-Tavistock, Township of	Surface Treatment of 10th Line and Cassel	Asphalt padding was added in a couple of locations, and a FiberMat wearing surface treatment was added on the 10th Line (between Oxford Road #2 and Oxford Road #17; 3,079 m) and Cassel Sideroad (between Oxford Road #59 and the 11th Line; 1,395 m). □ The FiberMat improved the structural integrity of the driving portion of the roadway. The overall condition of the roadway was improved, it is now considered to be in good condition. The useful life of the roadway has also been extended.	\$185,000	\$185,000	Complete
Local Roads and Bridges	East Zorra-Tavistock, Township of	Culvert Reconstruction on 11 Line	The main project objective is the reconstruction of one concrete box culvert which serves as a road crossing for a local waterway; the box culvert serves a local two-lane gravel road. Key activities include the removal of the existing culvert followed by the construction of a new culvert in the same location. The expected outcome of this project is a new culvert that will serve our rural road users.	\$425,000	\$0	Ongoing
Local Roads and Bridges	Edwardsburgh/Cardinal, Township of	Resurfacing Commerce Drive and Judy Place	Work involves pulverizing the existing surface of Commerce Drive (0.60 km), replacing two culverts, adding gravel, and paving with two lifts of 50 mm HL4 asphalt. This road services industrial and commercial properties. □ On Judy Place project, work involves pulverizing the existing surface (0.10 km), adding gravel, and paving with one lift of 50 mm HL4 asphalt. This road services residential properties.	\$234,295	\$228,580	Complete
Local Roads and Bridges	Edwardsburgh/Cardinal, Township of	Resurfacing Ventnor Road in the Hamlet of Ventnor	The Township is resurfacing 1.7 km of Ventnor Rd in the hamlet of Ventnor. Work involves pulverizing the existing surface, implementing drainage improvements (to include a minor storm system), adding gravel to the base, and paving the road with asphalt. This area has several farming properties that operate larger equipment and as a result have impacted the surface of the road. Resurfacing is critical to ensure the safety of the roadway and to continue to deliver the expected level of service.	\$289,604	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Elgin, County of	Wellington Road Rehabilitation	Wellington Road (CR 25) is a major arterial road connecting the City of St. Thomas to the City of London and has a project length of 6.95 km and has an average daily traffic volume of 13,000 vehicles. The existing road is being rehabilitated by Cold In-Place Asphalt Recycling and paving to create new lanes with partially paved shoulders. Existing surplus asphalt road materials will be utilized in unison on a nearby road project to reduce costs and negative environmental effects.	\$2,600,000	\$2,149,039	Complete
Local Roads and Bridges	Elgin, County of	King George VI Lift Bridge Rehabilitation	The King George VI Lift Bridge is located on Bridge Street (Cty Rd 4) in the village of Port Stanley, and was constructed in 1938 as a single-span double steel leaf bascule drawbridge which spans the Kettle Creek. Rehabilitation items to be completed including structure recoating, structural repairs to various bridge members, replacement of the bascule leaf controls, concrete repairs to the abutments and sidewalks, replacement of sump pumps, and rebalancing of the bridge.	\$7,562,568	\$0	Ongoing
Local Roads and Bridges	Elgin, County of	Village of Sparta Reconstruction	The Village of Sparta is one of Canada's oldest Quaker settlements dating back to 1813 and a popular tourist destination. The main roads within this village were last reconstructed in 1967, are at the end of their lifecycle, and require complete replacement. This project reconstructs approximately 1.1 km of Sparta Line and Quaker Road. The scope of work involves new roadway, curb and gutter, drainage, sidewalks, and signage.	\$2,411,670	\$169,208	Complete
Local Roads and Bridges	Elizabethtown-Kitley, Township of	Reconstruction of Kitley South Elmsley Townline Road - County Road 29 to Morningside Road	This is a shared roadway with the Township of Rideau Lakes. It was identified as a priority for reconstruction due to a general increase in traffic volume, increased maintenance costs, and a desire to upgrade the road to a surface treated standard. Work involved reconstruction of the sub-base, drainage and culvert improvements, and construction of a granular base. Surface treatment is scheduled to occur in 2022.	\$40,723	\$40,723	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Elizabethtown-Kitley, Township of	Reconstruction of Sixth Concession Road - County Road 6 to Carpenter Road	This road was identified in the Township's 2017 Roads Needs Study as needing to be reconstructed and paved as the existing condition was less than the minimum tolerable standard set out in the Inventory Manual for Municipal Roadways (1991). Work involved construction of a granular base, application of a 50 mm thick asphalt surface, and reinstatement of all entrances and intersections.	\$344,049	\$300,000	Complete
Local Roads and Bridges	Elizabethtown-Kitley, Township of	Kinch Street Reconstruction	This project involves the complete surface rehabilitation of a 1.5 km section of Kinch Street located between Cecil's Road and County Road 7. This work will additionally involve the reconstruction of another section of Kinch Street located between County Road 7 and the Merrickville-Wolford Municipal Boundary, which will consist of complete grade reconstruction, drainage improvements and asphalt surfacing. The need for this work was identified in the 2017 Roads Needs Study.	\$592,396	\$0	Ongoing
Local Roads and Bridges	Elliot Lake, City of	Rehabilitation of Pine Rd & Poplar Road Rd	Replacement of road and underground infrastructure (water and waste water) over the full length of Pine Rd and the a section of Poplar Rd (Spruce Ave to Willow Ln). New roads and storm systems allow water to be directed properly to catch basins, preventing flooding of yards and homes and puddling of water on the road surface (reducing the risk of ice buildup in the winter and hydroplaning in the summer).	\$2,986,498	\$737,834	Complete
Local Roads and Bridges	Englehart, Town of	Paving of Fourth Avenue to Seventh Street and Seventh Avenue	The Town is paving Fourth Avenue across to Seventh Street, Seventh Avenue to Third Street and the sidewalk on Third Street (between Eighth Avenue and Sixth Avenue). This project benefits all residents: all children walking to and from school have a safe and new sidewalk to walk on, the roads are in better condition now than previously due to the high traffic of transports.	\$230,234	\$183,999	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Enniskillen, Township of	Resurfacing Shiloh Line	This project involved the placement of a 50 mm layer of asphalt on Shiloh Line from Forest Road to Wanstead Road. Gravel was applied to the shoulders of the road. This work covered an existing surface treated road that was failing. The community has access to a better quality road surface which improves the safety to the driving public.	\$410,421	\$174,531	Complete
Local Roads and Bridges	Erin, Town of	Replacement of Culvert 10 on Sideroad 17	Culvert 10 is demonstrating signs of deterioration to the culvert barrel with bulging and deformations throughout. Culvert 10 was therefore recommended for replacement in our 2019 OSIM report, 2021 OSIM report, and 2020 Asset Management Plan Update. Work involves engineering and construction to replace the culvert.	\$1,140,000	\$10,368	Ongoing
Local Roads and Bridges	Erin, Town of	Double Surface Treatment of Sideroad 17 between County Road 26 and 2nd Line	Side Road 17 is one sideroad north of Wellington 124. Originally a gravel road, it has been paved in sections as an alternative route to Guelph. Construction included double surface treatment with preparation of ditching and road base dig outs. □ As a result of this work, the surface condition improved from 7/10 to 10/10, the structural adequacy improved from 13/20 to 18/20, drainage improved from 0/20 to 15/20, the condition improved from 65% to 96%, and the road was widened from 6.7 m to 7.0.	\$235,921	\$235,921	Complete
Local Roads and Bridges	Essa, Township of	25th Sideroad Repaving	The Township is resurfacing 25th Sideroad from the 9th Line to the 10th Line (1.39 km) to improve the overall safety of the road. Work involves traffic control, pulverization, grading, compaction, hot mix asphalt application, asphalt curb with gutter, asphalt outlet with spill way, cable guiderail, steel beam guardrail, and line markings.	\$784,000	\$181,631	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Essa, Township of	Replacement of the Elizabeth Street Bridge	This included the replacement of the existing bridge culvert crossing diagonally under the intersection of Elizabeth Street and Simcoe Street, including all associated road reconstruction work on the approaches to the intersection as well as removal and replacement of the watermain in the vicinity of culvert. This bridge was at its end of life cycle. Work additionally improved the intersection and involved the installation of new sidewalks, allowing for improved active transportation.	\$1,211,586	\$914,645	Complete
Local Roads and Bridges	Essa, Township of	Urbanization of Margaret St - Alma St to Mill St	Urbanization of Margaret Street from Alma Street to Mill Street. Work involves land surveying, engineering and design, and placement of storm sewers, concrete curb, new sidewalks, and asphalt. Work is being completed in three phases totaling 1.2 km.	\$3,769,474	\$1,384,530	Ongoing
Local Roads and Bridges	Essex, County of	Resurfacing of County Roads	This project involves the recycling and resurfacing of 34.6 km of road (namely CR11, CR18, CR20, CR22, CR23, CR34, CR46 and CR50). The smooth riding surface will be restored on roadways with failed pavement structures, which will extend the useful life of the asset. A reduction in greenhouse gas emissions will result from the deferred demolition and reconstruction of the road.	\$7,681,844	\$4,555,656	Complete
Local Roads and Bridges	Essex, Town of	Rehabilitation of Old Malden Road - 14th Concession to 12th Concession	Rehabilitation of Old Malden Road tar & chip surface from 14th Concession to the 12th Concession. As identified in the Town's Asset Management plan, a third lift of tar and chip was completed on Old Malden Road to prolong the road's lifespan in addition to the two lifts previously completed in 2020. These rehabilitation efforts help reduce the annual maintenance costs and provide a safer environment for motorists.	\$166,801	\$110,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Essex, Town of	8th Concession Surface Rehabilitation	Rehabilitation of 8th Concession Road tar & chip surface from County Road 23 to Ferris Sideroad. As identified in the Town's Asset Management plan, a third lift of tar and chip was completed on the 8th Concession to prolong the road's lifespan in addition to the two lifts previously completed in 2020. These rehabilitation efforts help reduce the annual maintenance costs and provide a safer environment for motorists.	\$61,174	\$30,587	Complete
Local Roads and Bridges	Essex, Town of	4th Concession Surface Rehabilitation	Rehabilitation of 4th Concession Road tar & chip surface from County Road 23 to Ferris Sideroad. As identified in the Town's Asset Management plan, a third lift of tar and chip was completed on the 8th Concession to prolong the road's lifespan in addition to the two lifts previously completed in 2020. These rehabilitation efforts help reduce the annual maintenance costs and provide a safer environment for motorists.	\$68,466	\$34,233	Complete
Local Roads and Bridges	Essex, Town of	Intersection Improvements at Maidstone - Arthur - Gosfield	Reconstruction of the intersection to improve safety for pedestrians and vehicular traffic.	\$450,000	\$42,116	Ongoing
Local Roads and Bridges	Essex, Town of	Gore Road Surface Rehabilitation	Rehabilitation of Gore Road tar & chip surface from Wright Road to Dunn Road. As identified in the Town's Asset Management plan, Gore Road's road structure became deficient and two lifts of tar and chip were placed in 2021. These rehabilitation efforts help reduce the annual maintenance costs and provide a safer environment for motorists.	\$59,470	\$29,735	Complete
Local Roads and Bridges	Essex, Town of	Reconstruction of Victor Street (from Victoria to Laird)	The reconstruction of Victor Street includes the road base and subdrain, new curbs and gutters, sidewalks, and replacement of 375 m of 300 mm dia. storm sewers (including catch basins & manholes) and 300 m of 150 mm dia. watermain (and apparatus). As identified in the Town's Asset Management plan, Victor Street was in need of reconstruction and new sidewalks. Reconstruction efforts help reduce the annual maintenance costs, and provide a safer environment for pedestrians, cyclists and motorists.	\$445,000	\$23,603	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Essex, Town of	King and Queen Street Reconstruction and Streetscaping in the Hamlet of Harrow	In accordance with the design guidelines adopted by Council, this project includes road paving, watermain replacement, storm sewer replacement, sidewalk reconstruction, streetlighting, landscaping, and furnishings to revitalize and further beautify the Harrow downtown district.	\$5,492,019	\$1,202,884	Complete
Local Roads and Bridges	Fauquier-Strickland, Township of	Resurfacing Gravel Concession Roads	The Township has many concession roads to maintain. Due to many years of not adding Gravel "A", resurfacing was required to maintain the roads in a good state of repair. □ □ A total of 5km of gravel roads were resurfaced with Gravel "A".	\$45,822	\$0	Complete
Local Roads and Bridges	Fort Erie, Town of	Bridge Replacements on Pettit Road & Point Abino Road	The 2019 Bridge & Culvert review found that both structures require replacement. One had corrosion throughout the structure, infiltration of earth fill into the north cell at perforations, light deformations to both of the ends of the north cell, and a wide crack at the west end of the north cell at the waterline. The other had severe corrosion throughout the structure, a large portion of the south cell under the east edge of the roadway had failed, and the south cell was severely deformed.	\$1,050,000	\$234,151	Ongoing
Local Roads and Bridges	Fort Erie, Town of	Culvert and Guiderail Replacements on Miller Ave & Pettit Road	The 2019 Bridge & Culvert review reported areas of erosion, loss of stone, fallen trees and wood debris obstructing the watercourse, no roadside safety barriers and a need for hazard markers. The scope of work involves replacement of slope and rip rap erosion protection at all four corners of the structures to prevent further erosion, installation of steel beam guiderails, and additional fill over the structure and/or installing barricades to prevent heavy vehicular traffic.	\$250,000	\$60,270	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Fort Erie, Town of	Bridge Replacement on Ott Road	The Ott Road bridge structure was identified as a "1 to 5" year priority in the Town's 2017 Bridge Assessment Report. The deck and travel surface is in poor condition with several potholes that require ongoing maintenance and therefore requires the twelve meter span bridge structure to be replaced.	\$1,565,000	\$1,126,250	Ongoing
Local Roads and Bridges	Fort Erie, Town of	Replacement of Multiple Bridges and Culverts	Structures on Alfred St (M314C), Stonemill Rd (M321C), and Erie Rd (M331C) require replacement. Structures on Pettit Rd (M312C) and Edgemere Lane (M399B) require railing improvements. Structures on Friendship Trail (M319C), Nigh Road (M383B) and Edgemere Lane (M399B) require scour protection improvements.	\$491,408	\$0	Complete
Local Roads and Bridges	Fort Erie, Town of	Resurfacing Multiple Roads	Resurfacing of existing roads that have reached the end of their service; resurfacing work involves single surface treatment of 6,339 m, double surface treatment of 10,520 m and the application of hot mix asphalt to 2,367 m of road. High quality roads improve traffic flow, reduce accidents, lower liability and lead to a more sustainable road system, which leads to predictable budgeting and satisfied constituents.	\$2,318,099	\$0	Complete
Local Roads and Bridges	Fort Erie, Town of	Culvert, Guiderail and Retaining Wall Replacements	<p>Culvert replacement on Black Creek Rd. Concrete pipe sections have either moved or collapsed and steel pipe sections have severe corrosion and section loss.□</p> <p>□ Replacement of existing culvert and headwalls on Nigh Rd due to severe corrosion and perforations of steel pipes.□</p> <p>□ Guiderail improvements on Church Rd and Thunder Bay Rd.□</p> <p>□ Replacement of retaining wall on Crystal Beach Dr due to areas of cracking, concrete deterioration and severe rotation.</p>	\$356,813	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Fort Erie, Town of	Bridge Replacements on Winger and Sunset Road	Replacement of Winger Rd (S047B) & Sunset Dr (S107B) bridges. S047B-steel girders have areas of severe corrosion and section loss near the bearings. The concrete deck soffit has areas of severe spalling and delamination. S107B-there is cracking, delamination and leakage of the concrete soffit along with scaling throughout the soffit and abutment side walls. The steel multiplate arch extensions have areas of severe corrosion. The wingwall has failed and rotated to the west by approximately 100mm.	\$1,610,000	\$54,945	Ongoing
Local Roads and Bridges	Fort Erie, Town of	Holloway Bay Bridge Replacement	The scope of work is for complete removal and replacement of the existing structures and headwalls for M344B and M345B. The concrete bridge deck soffits are in fair to poor condition with wide longitudinal cracks and leakage. The abutment sidewalls are in poor condition with wide vertical cracks and areas of medium to severe concrete deterioration. The head walls and wingwalls are generally in fair condition or have completely failed with cracking, scaling and concrete deterioration.	\$633,333	\$0	Complete
Local Roads and Bridges	Fort Frances, Town of	Erin Crescent Residential Development	The Residential development of 27 lots along Erin Crescent. This included in 2019- The underground sewer, water and storm sewer was installed with granular B roadway sub-base and half of the granular A road base. In 2020 the other utilities were installed (natural gas, communications and power). In 2021 the remaining granular A, curb and gutter and asphalt were installed. This development allows for more residential lots being available for building, while increasing tax base in Fort Frances.	\$1,702,436	\$416,163	Complete
Local Roads and Bridges	Fort Frances, Town of	Scott Street Reconstruction - Reid Ave to Col Rd. E	Full road reconstruction including the replacement of watermain, sanitary sewer, storm sewer, sidewalks, and landscaping and resurfacing.	\$4,534,618	\$0	Complete
Local Roads and Bridges	French River, Municipality of	Reconstruction and Culvert Replacement on Prevost Road	Approximately 2.5 km of Prevost Road was rehabilitated. Work involved the replacement of several culverts, earth excavation, ditching, application of Granular A material, and application of a dust control. This project greatly improved the condition of the roadway.	\$195,155	\$169,211	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Front of Yonge, Township of	Resurfacing of Purvis Street	As identified in the Township's asset management plan, resurfacing of Purvis Street (8.27 kilometers) needs to be completed in 2021. This project includes a single high float surface treatment, consisting of one application of emulsion and one application of HL 3 stone. Fog coat seal is also being applied to the surface.	\$136,180	\$79,484	Complete
Local Roads and Bridges	Front of Yonge, Township of	Rehabilitation of Escott-Yonge Townline Road	As identified in the Township's asset management plan, approximately 2.5 kilometers of Escott-Yonge Townline Road is in need of rehabilitation in 2021. □ This project involves a double high float surface treatment, consisting of two applications of emulsion and two applications of HL 3 stone. Fog coat seal will be applied. Also, ditching, infrastructure repair, pulverization of road surface, and adding 6 inches of granular M is included.	\$145,065	\$82,681	Complete
Local Roads and Bridges	Frontenac Islands, Township of	Road Surface Improvements	Heavier lifts of granular A material were placed on 58 lane-km of road on Wolfe Island. This project consisted extensive lifts of surface course material outside of normal maintenance.	\$150,000	\$150,000	Complete
Local Roads and Bridges	Frontenac Islands, Township of	Baseline Road Reconstruction	Road reconstruction from Howe Island Drive westerly for 500 m. Construction consisted of roadside ditching, cross culvert replacement, entrance culvert replacement, base course material, surface course material, and surface treatment. This section was classed as poor.	\$79,800	\$23,400	Complete
Local Roads and Bridges	Frontenac Islands, Township of	Northshore Road Reconstruction Part 1	Full reconstruction from Howe Island Drive east to a limit of 1.5 km. Construction consists of roadside ditching, cross culvert replacement, entrance culvert replacement, base material, and surface course material. The road was also stabilized with calcium chloride on the base and surface courses.	\$293,000	\$67,650	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Frontenac, County of	Hardwood Creek Bridge Deck Replacement	<p>The wood deck of this bridge was worn and beginning to disintegrate. The deck was replaced and treated, and the approaches to the bridge on both sides were improved with fresh stone dust and regraded to improve safety and accessibility. □</p> <p>□</p> <p>This bridge is a key part of the local active transportation network and plays a role in the local tourism economy. Resurfacing will help ensure safe and equitable access to the extensive rail trail network in Frontenac County.</p>	\$15,396	\$15,396	Complete
Local Roads and Bridges	Gauthier, Township of	Crystal Beach Road Resurfacing	This project is to pulverize, add Granular A material, and apply surface treatment to approximately 0.85 lane-km of Crystal Beach Road. This road was in desperate need of rehabilitation as there were several huge pot holes and the sides of the road were eroding.	\$100,316	\$100,316	Complete
Local Roads and Bridges	Georgian Bay, Township of	Rehabilitation of Kings Farm Road	Kings Farm Road is being rehabilitated from White's Falls Road to W Shore Road. This is a full rehabilitation in the form of an in-place full depth reclamation of bituminous pavement and underlying of granular material.	\$124,379	\$124,379	Complete
Local Roads and Bridges	Georgian Bluffs, Township of	Road Preparation for the Assumption of Francis Lake Road	This road is home to approximately 100 seasonal and permanent residents, and provides access to Francis Lake in the summer - but was not previously owned, maintained or operated by the Township. Gravel was added to the road in preparation for assumption. Assumption allows us to provide a better standard of care to the road, standardize winter control services for permanent residents, and provide grading services to improve access to the lake.	\$27,832	\$27,832	Complete
Local Roads and Bridges	Georgian Bluffs, Township of	Resurfacing Sideroad 12 from Grey-Bruce Line to Concession 11	A double surface treatment was applied to Sideroad 12 from Grey-Bruce Line to Concession 11. This section of road was found to be in poor condition during our last assessment. Resurfacing the road restored the surface to good condition.	\$247,360	\$247,360	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Georgian Bluffs, Township of	Resurfacing Concession 11 from Hwy 21 to Sideroad 12	A double surface treatment was applied to Concession 11 from Highway 21 to Sideroad 12. This section of road was found to be in poor condition during our last assessment. Resurfacing the road restored the surface to good condition.	\$231,153	\$231,153	Complete
Local Roads and Bridges	Georgina, Town of	Sidewalk Rehabilitation	Through annual sidewalk inspections, the Town identifies and corrects trip hazards. Approximately 150 m of sidewalk were rehabilitated or replaced under this project to improve the Town's infrastructure and mitigate risks for pedestrians.	\$80,000	\$75,715	Complete
Local Roads and Bridges	Georgina, Town of	Gravel Road Design and Construction in Udora	The roads within the "Estonian Camp" Subdivisions (Plan 544 and Plan 588) were originally maintained by the subdivision developer and land owners. In recent years, the Estonian Summer Camp Association has not maintained the roads and increased routine maintenance has been required by the Town to ensure that access to properties is maintained. The main objective of this project is to improve the substandard geometric and pavement design - and overall, the level of service for these roads.	\$300,000	\$10,433	Ongoing
Local Roads and Bridges	Georgina, Town of	Selective Road Resurfacing	This project involved the rehabilitation - i.e., rout and seal, micro-surfacing, asphalt resurfacing, and other improvements - of 7.6 lane-km of road throughout the Town of Georgina. The main objective of this project is to prolong the lifecycle of the road surface and improve safety and comfort for the travelling public.	\$1,000,000	\$595,685	Complete
Local Roads and Bridges	Georgina, Town of	Reconstruction of Irving Dr & Old Shiloh Rd between Park Rd and Weirs SR	The Town is reconstructing the full length of Irving Dr and the section of Old Shiloh Rd lying between Park Rd and Weirs Sideroad. Work involves geotechnical investigation, design, and construction. These roads were identified in the 2015 State Infrastructure - Roads report by 4-Roads Management Services as deteriorated past their useful life making this work necessary and beneficial to the community.	\$1,261,000	\$32,149	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Georgina, Town of	Hedge Road Bank Stabilization	A Slope Stability Assessment has been completed and it has been determined that there is a high risk of losing the stability of the road and, as such, the road itself if the stabilization of the embankment is not addressed. This project includes installing a silt curtain, installing a rock berm, shoreline replanting and placing boulders up the bank.	\$1,650,000	\$160,160	Ongoing
Local Roads and Bridges	Georgina, Town of	Rehabilitation of Bridges and Culverts in Various Locations	Deck condition surveys and engineering designs are followed by the remedial capital project for Baldwin Road bridge and two bridges on Old Shiloh Road; Frog Street Bridge have cracked bracing members replaced and timber curbs secured to the structure; the culverts on Lake Drive and McCowan Road have guide rails installed/ upgraded including end treatment and painting. 4 Bridges and 2 Culverts are rehabilitated in this project.	\$2,927,100	\$0	Ongoing
Local Roads and Bridges	Georgina, Town of	Design and Construction of Maskinonge River Pedestrian Bridge	For the design and construction of a pedestrian bridge across Maskinonge river connecting existing trails on both sides of river. This is in accordance with the class EA and trail study completed by the town. Public consultation is required for environmental design of the bridge.	\$524,500	\$0	Ongoing
Local Roads and Bridges	Gordon/Barrie Island, Municipality of	Surface Treatment of the Tenth Concession	Surface treatment was applied to 6.9 km of road to ensure the continued safety of the roadway and to increase the longevity of the asset.	\$109,017	\$60,960	Complete
Local Roads and Bridges	Gore Bay, Town of	Sidewalk Restoration on Meredith St	This project replaced 180 m of sidewalk. The existing sidewalk had several areas that required significant attention.	\$11,963	\$11,963	Complete
Local Roads and Bridges	Gore Bay, Town of	Culvert Installation - Armstrong Road	This project involved the installation of two new culverts and the rehabilitation of an additional culvert in the area to improve runoff of ground water away from homes.	\$5,603	\$5,603	Complete
Local Roads and Bridges	Gore Bay, Town of	Paving Section of Water St	Approximately 1 lane-km of Water St is being paved to restore the primary road to the local water treatment plant, local homes, and tourist site.	\$110,517	\$48,232	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Gore Bay, Town of	Paving Section of Kinney Road	This project was to partially restore 0.33 lane-km of a significant curve in a secondary access road into Town. This improved the safety and integrity of the road surface.	\$71,813	\$71,813	Complete
Local Roads and Bridges	Grand Valley, Town of	Crozier Street Reconstruction	Reconstruction of Crozier Street from Webb Street to Amaranth Street East, including new curb, sidewalks, pavement. Crozier Street exceeded its anticipated life span and became surface deficient and was in need of resurfacing, base repairs and new sidewalks. Rehabilitation efforts help reduce the annual maintenance costs, improve fuel economy, reduce fuel emissions and provide a safer environment for pedestrians, cyclists and motorists.	\$250,000	\$90,000	Complete
Local Roads and Bridges	Gravenhurst, Town of	Rehabilitation of Pinetree Road	This works consisted of a full depth pulverization, double surface treatment, and drainage improvements to 1.66 km of Pinetree Rd. Ditching and culvert replacement also occurred as necessary. The rehabilitation will reduce the need for frequent maintenance, reducing future costs and offering a smoother ride.	\$472,000	\$172,000	Complete
Local Roads and Bridges	Gravenhurst, Town of	Rehabilitation of Kilworthy Rd	This project involved completing road surface improvements as well as conducting necessary roadside brushing and drainage improvements (ditching & culvert replacements) along 0.92 km of Kilworthy Rd. The rehabilitation involved applying Hot Mix asphalt, which responds more effectively to fluctuating temperatures. This will afford an increased traffic volume, will have a better quality ride, and will have a much longer life span.	\$341,000	\$100,000	Complete
Local Roads and Bridges	Greater Madawaska, Township of	Matawatchan Road Rehabilitation	5 km of Matawatchan Road (extending south from the intersection of County rd 71) was in need of rehabilitation. Rehabilitation involved pulverizing the current surface, adding granular material to the road base, grading, culvert replacement and applying a new hot mix asphalt surface. Work also involved ditching.	\$590,539	\$79,859	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Greater Napanee, Town of	East and Mill Street Reconstruction	Approximately 0.2 km of East St and Mill St were reconstructed. Work involved replacing the roadway, watermain, sewers, curb, gutters, and sidewalks. The renewed asphalt surface and drainage system will help eliminate ponding and icy conditions on the traveled portion of this roadway. The original cast iron water main was also upgraded and replaced with a new PVC water main, ensuring a safer and more reliable distribution of drinking water to the public.	\$1,948,637	\$989,676	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Rehabilitation of Municipal Roads	The road rehabilitation work includes asphalt pavement rehabilitation or resurfacing, including improvement/replacement/repairs to shoulders, curbs, ditching, guide rails, as well as road culverts. The locations affected include MR55 from 350 m west of MR24 to 250 m west of Eve Street, MR84 (1,500 m), Skead Road (MR 86; 1,200 m), Long Lake Road (1,900 m), MR 24 from MR 55 to Hill St, and MR 24 from 100 m South of Anderson Drive to 400 m north.	\$16,886,336	\$5,025,852	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Road Rehabilitation in Several Locations	Asphalt pavement rehabilitation or resurfacing, including improvement, replacement, or rehabilitation of shoulders, concrete curbs and sidewalks, ditching, and road culverts, as well as intersection improvements. Work is occurring on Brady Street (1,000 m), Notre Dame Avenue (760 m), Walford Road (700 m), Auger Street (650 m), Valleyview (1,650 m), Kelly Lake Road (600 m), and Hill Street (900 m).	\$13,380,000	\$4,226,359	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Road Rehabilitation in Various Locations	Rehabilitation of over 10,000 metres of roads, including improvements to the road structure (pulverizing or milling of the existing asphalt and placement of new asphalt structure), pedestrian facilities, and drainage.	\$25,027,078	\$631,298	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Bridge Rehabilitation in Multiple Locations	The bridge work involves rehabilitation of bridges and replacement of full culverts. The bridge rehabilitation locations include Douglas Street, the CNR Overpass on Falconbridge, the Allan Street Bridge, and the Frappier Road Bridge.	\$8,795,514	\$333,818	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Greater Sudbury, City of	Road Rehabilitation in Multiple Locations	Rehabilitation of approximately 7,300 m of road, involving improvements to the road structure (pulverizing or milling of the existing asphalt and placement of new asphalt), pedestrian facilities, and drainage.	\$2,937,777	\$0	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Bridge Replacement and Rehabilitation in Multiple Locations	The bridge work involves rehabilitation of bridges and replacement of full culverts. The bridge rehabilitation locations include: Bowlands Bay Bridge; Vermillion Lake Bridge on MR55; Nelson Lake Road Bridge and Coniston Creek Pedestrian Bridge. The culvert replacement locations include: Kari Rd; Hill St; Beatrice Cresc; Robin St; Notre Dame Azilda; Desloges Rd; Jumbo Rd; Sunnyside Rd; Ramsey Lake at University Rd; and Dryden Rd.	\$17,061,855	\$572,386	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Bridge Replacement/Rehabilitation in Multiple Locations	The bridge work involves replacement of the Garson Coniston Road Bridge and the Kelly Lake Road Bridge with new concrete structures. Work also involves rehabilitation of the existing concrete decks and foundations on the CNR overpass on Falconbridge Road, MR55-CPR Overhead Bridge (Westbound) and Mikkola Road Bridge.	\$8,603,247	\$0	Complete
Local Roads and Bridges	Greater Sudbury, City of	Road Rehabilitation in Multiple Locations	Rehabilitation of 6,915 m of roads, involving improvements to the road structure (pulverizing or milling of the existing asphalt and placement of new asphalt structure), pedestrian facilities, and drainage.	\$7,007,873	\$0	Complete
Local Roads and Bridges	Greater Sudbury, City of	Road Reconstruction/Rehabilitation of Multiple Roads	Rehabilitation of Lorne St (from Martindale Rd to Logan Ave, a distance of approximately 1,000 m), Long Lake Rd (from Hwy 17 to 800 m south), and Municipal Road 35 (from Notre Dame W to Hwy 144, a distance of approximately 3,000 m). Approximately 4,800 m of roads are being rehabilitated in total. □ Work involves pulverizing or milling the existing asphalt, placing new asphalt, improving pedestrian facilities and improving drainage.	\$33,467,883	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Greenstone, Municipality of	Resurfacing Multiple Roads in Greenstone	This project is for the reconstruction of approximately 4.8 km of highly deteriorated roads in various locations throughout Greenstone. The project scope includes pulverizing existing asphalt in place and applying new granular materials where needed with a double lift of new asphalt to a minimum thickness of 90 mm. This project will improve all roads from failing/poor condition to excellent. The project also includes replacement of some sidewalk, curb and storm sewer basins.	\$3,456,031	\$1,172,795	Complete
Local Roads and Bridges	Grey Highlands, Municipality of	Rehabilitation of Road 63 - Grey Road 4 to Grey Road 9	The existing road surface has reached its life expectancy. Road 63 is an asphalt road that is showing signs of deterioration and significant wheel track rutting from the heavy vehicles/equipment that travel this road. The existing surface is being pulverized, regraded, and compacted with an additional 60 mm (2") gravel lift.	\$311,997	\$291,385	Complete
Local Roads and Bridges	Grey Highlands, Municipality of	Rehabilitation of Artemesia-Glenelg Townline - W Back Line to Pinewood Dr	Artemesia-Glenelg Townline is currently a surface treatment road surface that has deteriorated significantly. To achieve a desired 15 to 20 year life expectancy of a new asphalt road surface, the existing surface is being pulverized, regraded, and compacted with an additional 60 mm (2") gravel lift. The final surface is being established with 50 mm of HL-4 asphalt, with all existing driveways matched into the edge of pavement.	\$339,295	\$159,290	Complete
Local Roads and Bridges	Grey Highlands, Municipality of	8th Concession - Grey Road 2 to Road 41 B	The objective of this project is to extend the life expectancy of the road surface for an additional 8 to 12 years. The average daily traffic count in 2018 was 1,000 to 1,999 vehicles per day.	\$246,608	\$3,826	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Grey Highlands, Municipality of	Rehabilitation of Point Road	The existing road surface has reached its life expectancy. Point Road is a surface treatment road surface in which the road surface condition has deteriorated significantly. To achieve a desired 15 to 20 year life expectancy of a new asphalt road surface, the existing surface is being pulverized and regraded/compacted with an additional 60 mm (2") gravel lift. The final surface will be 50 mm HL-4 asphalt, with all existing driveway matched into the edge of pavement.	\$164,160	\$0	Complete
Local Roads and Bridges	Grey Highlands, Municipality of	Rehabilitation of Pretty River Road	The existing road surface has reached its life expectancy. Pretty River Road is a surface treatment road surface which has had minor maintenance to extend the life of the surface by 4 to 5 years. The surface condition has deteriorated significantly. This road was downloaded to the Municipality from Grey County and has significant active transportation/recreational pressures to enhance the level of service. Rehabilitation is necessary to achieve a desired 15 to 20-year life expectancy.	\$236,735	\$0	Complete
Local Roads and Bridges	Grey, County of	Grey Road 119 - Stormwater Diversion	Drainage improvements - including three culvert replacements and ditch stabilization - were made on Grey Road 119 to mitigate flows from increased storm events.	\$155,722	\$22,735	Complete
Local Roads and Bridges	Grey, County of	Replacement of a Culvert on Grey Road 9	The box culvert structure located on Grey Road 9 immediately west of Concession XIII/XIV, in the Municipality of West Grey has exceeded its useful life and is due for replacement. The existing concrete structure is being replaced with an open bottom modular precast concrete box culvert structure. The road surface is being replaced with two lifts of hot mix asphalt, and the steel beam guide rail is being upgraded to current standards.	\$438,056	\$61,000	Complete
Local Roads and Bridges	Grey, County of	Grey Road 40 Overlay: Gore Crescent to Veterans Road North	The 3.6 km section of Grey Road 40 from Gore Crescent to North Veterans Road requires a hot mix asphalt overlay to add asphalt structure to the road to extend the useful life. Existing deteriorated road side guide rail is also being replaced.	\$615,916	\$250,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Grey, County of	Grey Road 16 Pulverize & Pave Rehabilitation: Grey Road 10 to 300 m West of Grey Road 3	The section of Grey Road 16, from Grey Road 10 easterly to Grey Road 3, has met its useful life expectancy. Rehabilitation of this 5.2 km road section involves pulverizing existing asphalt, hot mix asphalt paving, and replacing 10 deteriorated centreline culverts.	\$1,856,260	\$1,791,200	Complete
Local Roads and Bridges	Grey, County of	Grey Road 3 Pulverize and Pave Rehabilitation: 250 m North of Grey Road 16 to East Jct. Grey Road 5	The section of Grey Road 3, from Grey Road 16 northerly to Grey Road 5 East, has met its useful life expectancy. Rehabilitation of this 5.54 km road section involves pulverizing existing asphalt, hot mix asphalt paving, replacing 13 deteriorated centreline culverts, and roadside drainage improvements.	\$1,614,289	\$1,311,600	Complete
Local Roads and Bridges	Guelph, City of	Construction of a Multi-Use Path on Hanlon Creek Blvd	A multi-use path is being constructed along Hanlon Creek Blvd (from Downey Rd to Laird Rd). The path will enable access from the east side of the Hanlon Expressway (the north-south spine in Guelph) to the City's southwest residential area and employment destinations in the Hanlon Creek Business Park. It will also encourage alternate modes of transportation to and within this key industrial area, which currently has 60 businesses employing 700 people and is expected to grow to 2000 jobs by 2023.	\$1,698,300	\$6,465	Ongoing
Local Roads and Bridges	Guelph, City of	Reconstruction of Wyndham St (Phase 1)	Wyndham Street is being reconstructed from Carden Street to Woolwich Street. A Schedule B Municipal Environmental Assessment is currently underway to consider lane reductions and the implementation of a traffic circle in St. George's Square. This project is driven by the need to renew aging infrastructure, support growth and future development. The work on this project is part of the Downtown Infrastructure Revitalization Program.	\$7,046,300	\$24,490	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Guelph, City of	Implementation of Road Safety Initiatives	<p>These initiatives mitigate excessive speeding and cut-through traffic on designated roads within residential neighborhoods. Work involves the installation of chicanes, speed cushions, bollards/knockdown posts, traffic calming curbs, centre islands, etc.</p> <p>Locations are determined based on requests from the general public and criteria outlined in the Council-approved Neighborhood Traffic Management Policy. Traffic calming measures are selected in consultation with neighbourhood residents.</p>	\$350,000	\$231,021	Ongoing
Local Roads and Bridges	Guelph, City of	Citywide Pedestrian Crossover Installations	This is a Council-supported initiative to improve service levels across the City by providing crossovers that meet the standards of the Highway Traffic Act for pedestrians. Work involves installing pedestrian crossover signals at seven or more locations throughout the City to improve the safety of road crossings on the active transportation network.	\$165,000	\$77,987	Ongoing
Local Roads and Bridges	Guelph, City of	Citywide Replacement and Upgrade of Traffic Signals	Work involves replacing malfunctioning equipment, installing advance turn signals, installing traffic signal controllers, and completing other upgrades as needed at five or more intersections across the City.	\$809,000	\$703,697	Ongoing
Local Roads and Bridges	Guelph, City of	Reconstruction of York Rd from Stevenson St S to Victoria Rd	Replacement of storm mains, watermains, wastewater mains, and road resurfacing as part of the York Road Upgrades (Phase 4 Stevenson Street South to Victoria Road). The need for this project is driven by age and condition needs as well as growth planning. The total length of the project is approximately 528 linear meters.	\$8,153,900	\$45,035	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Guelph, City of	Reconstruction of Speedvale Ave from Elmira Rd to Imperial Rd	<p>Replacement of watermains, road restoration, and construction of new multi-use path and new storm sewer along Speedvale Ave W from Elmira Rd N to Imperial Rd N. The total length of the project is approximately 1,176 m.□</p> <p>□</p> <p>This work is driven by operational needs. Records indicate a significant number of breaks in the watermain, and coordinating the replacement of the road surface ensures the City can maximize on cost savings while minimizing service disruptions to users.</p>	\$3,737,000	\$47,301	Ongoing
Local Roads and Bridges	Guelph, City of	Pedestrian Safety Improvements to Six Railway Crossings	Improvements to GO/Metrolinx rail crossings at six locations to comply with federal regulations. The six locations are at Alma St, Edinburgh Rd, Yorkshire St, Glasgow St, Dublin St, and Watson Parkway North. The improvements are mainly to improve crossing safety, meet the latest federal regulations and standards, provide consistent safety standards for existing grade crossings, and implement results-based regulations for a consistent level of safety for all crossings.	\$212,400	\$193	Complete
Local Roads and Bridges	Guelph, City of	Norwich Pedestrian Bridge Reconstruction	This is for reconstruction of the pedestrian bridge spanning the Speed River at the end of Norwich St, between Cardigan St and Arthur St N. Work involves the preservation of the heritage elements of the existing pedestrian bridge while constructing a new self-supporting bridge to maintain safe public crossing of the Speed River into the future.	\$1,648,675	\$859,756	Ongoing
Local Roads and Bridges	Guelph, City of	Design and Construction of a New Downtown Pedestrian Bridge	To complete the detailed design and construction of a new pedestrian bridge to connect Ward 1 to downtown. The bridge will extend from the intersection of Arthur St S and Elizabeth St. The location of the bridge was selected to ensure that pedestrians cease using the Guelph Junction Railway bridge as a pedestrian access route. Pedestrian use of the Guelph Junction Railway bridge presents significant safety concerns, especially as the local population grows with an increase in development.	\$4,211,100	\$68,553	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Guelph, City of	Traffic Calming Implementation	Implementation of measures addressed in the Transportation Master plan to improve traffic compliance with posted speed limits. This Project is directly related to the Council Approved Neighborhood Traffic Management Policy. It is comprised of transportation initiatives to mitigate excessive speeding of traffic. It is not just limited to signage/pavement markings but majority of which goes to installation of speed radar boards and linear traffic calming strategies	\$246,400	\$47	Ongoing
Local Roads and Bridges	Guelph, City of	Pedestrian Road Crossover Upgrades	Implementation of six signalized pedestrian crossovers on existing roadways to improve the flow and safety of pedestrians. Crossovers are being implemented on Farley Dr (between Porter Dr and Eugene Dr), Colonial Dr (between Baxter Dr and Lambeth Way), Goodwin Dr (between Pearson St and Wilkie Cr), City View Dr N (at Lee Street), Lane St (at Ryan Ave), and Delhi St (at Emma St).	\$315,000	\$0	Complete
Local Roads and Bridges	Guelph, City of	Traffic Signal Intersection Renewal and Upgrades	Replacement and upgrade of traffic signal equipment at six locations to ensure the continued operation of intersections and the safety of vehicles and pedestrians. Intersections or crossovers are being replaced or upgraded on Arkell Rd at Amos Dr and Zecca Dr, Eramosa Road at Meyer Dr, Edinburgh St at Paisley Dr, Speed Vale Ave at Edinburgh St, Dublin St at Wellington St, and Wyndham St at Wellington St.	\$5,140,800	\$0	Complete
Local Roads and Bridges	Guelph, City of	Construction of New Sidewalks in Multiple Locations	Construction of 9,120 m of sidewalk to improve the overall connectivity and connectivity of the active transportation network in accordance with a City Sidewalk study. Work is focused on areas of high demand throughout the City. Major locations impacted are Woodlawn Rd W between Nicklin and Elmira, Stone Road from Oakdale to Gordon, Imperial south of Speedvale, Watson Parkway at Cooling, and Princess St between Clark and Division Streets.	\$2,047,000	\$71,598	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Guelph, City of	Reconstruction & Resurfacing of Multiple Streets	Full depth resurfacing involved milling 45 mm of asphalt and replacing it with 45 mm of HL3. Four traveled cars lanes were additionally reduced to two lanes with a centre turn lane to add bike lanes at Willow Road and facilitate active transportation. Main routes included were Edinburgh to Applewood for 850 m, Wellington Road to Imperial for 500 m, Starwood Drive from Grange to Lee for 200 m, and Surrey Street from Gordon to Wyndham for 220 m.	\$68,296,609	\$1,408,114	Complete
Local Roads and Bridges	Guelph, City of	Construction of Multi Use Path on Woodlawn Road from Nicklin to Silvercreek Parkway	Construction of a multi-use path on the north and south sides of Woodlawn Road West between the existing curb and the property line from Nicklin Road to Silvercreek Parkway. Work involves placement of a 3 m wide asphalt path for active transportation use.	\$4,325,835	\$0	Complete
Local Roads and Bridges	Guelph/Eramosa, Township of	Reconstruction/Resurfacing of Township Road 3	Township Road 3 is approximately 2.8 km long and connects WR 30 to Highway 7 and WR 32. The project involves full depth reconstruction in some areas to address poor subsurface conditions and resurfacing only in other areas. Also included are ditching activities to improve roadside drainage and the replacement of a 2.4 m diameter cross culvert. Benching and widening is also required in areas to address the narrowness of the road platform.	\$1,413,007	\$500,000	Complete
Local Roads and Bridges	Guelph/Eramosa, Township of	Seventh Line Surfacing	The project is a gravel to asphalt conversion of Seventh Line from Highway 7 to Wellington Road 50. The existing 3 km road is a gravel surface. The south portion is a growing commercial/industrial area. Traffic volumes have increased such that asphalt surfacing is warranted. The gravel conversion will reduce annual maintenance costs for the road in terms of maintenance gravel, grading and dust suppression. Minor drainage improvements such as road culvert replacement also included.	\$669,579	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Haldimand, County of	Resurfacing Moote Rd, Downey Rd, and Canal Rd	Resurfacing of approximately 6,915 m of existing LCB (low cost bituminous) roads. Work includes minor drainage improvements, asphalt padding, and tar and chip resurfacing - and is designed to achieve a 20 year cycle to maintain and preserve the roadway.	\$855,000	\$425,980	Ongoing
Local Roads and Bridges	Haldimand, County of	Conversion of Gravel Roads	Approximately 23,800 m of gravel roads are being converted to asphalt. Work is being implemented in a four-year cycle using a bottom-up approach. Identified drainage improvements (including culvert replacements and ditching) are being implemented in Year 1. Granular material will be built up to a minimum depth of 300 mm in year 2. A thin lift of granular material will be placed and a double surface treatment applied in Year 3. And a single surface treatment will follow in Year 4.	\$3,492,100	\$285	Ongoing
Local Roads and Bridges	Haldimand, County of	Resurfacing Roads in Walpole	Resurfacing of approximately 6,400 m of existing LCB (low class bituminous) roads. Roads were selected for resurfacing based on the latest roads needs study. Work includes minor drainage improvements, asphalt padding, and tar and chip resurfacing - and is designed to achieve a 20 year cycle to maintain and preserve the roadway.	\$1,466,000	\$0	Complete
Local Roads and Bridges	Haldimand, County of	Surface Treatment of Gravel Roads	Conversion of road sections from gravel. Work involves drainage improvements, granular base improvements and surface treatment on Moulton-Sher Townline (North Shore Drive to Bird Road), Mt Olivet Road (Richert to Bains Road), McGowan Rd (5th Line to end), Hart Road (Road 63 to Robinson Rd), Reeds Rd (Hwy 3 to Townline Rd), Indiana Road (Turnbull to HD townline), Little Road (Road 20 to Irish Line). The total length all segments is approximately 35 km (two lane traffic).	\$2,850,400	\$58,773	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Haldimand, County of	Surface Treatment of Gravel Roads	The granular road conversion program is for the conversion of road sections from gravel. The scope includes drainage works, granular base improvements and surface treatment on Conc 1 Rd S (Junction Rd to Hald-Dunn Townline), Wilson Rd (Meadows Rd to South end), Dunn-Hald Townline (Conc Rd 1 to Rd 17), Kentucky Hill Road (Stub west of Robinson), Link Rd (Gibson to Richert Rd), South Cayuga Rd (Rd 20 to Rd 3), and Turnbull Rd (Rd 9 to Con 1 Seneca). Total length all segments ~64km (2 lane traffic)	\$4,490,900	\$187,852	Ongoing
Local Roads and Bridges	Haldimand, County of	Surface Treatment of Gravel Roads	Part of the granular road conversion program to convert road sections from gravel. The scope includes drainage works, granular base improvements and surface treatment of Gibson Road (Link Road to end), various segments of Wilson Road, Singer Road (from Indiana Road to end), and Dunnville Townline Road (from Caistorville Road to Highway 3). Total length of all segments is approximately 72 km (two lane traffic).	\$4,526,020	\$105,793	Ongoing
Local Roads and Bridges	Haldimand, County of	Surface Treatment of Gravel Roads	Part of the granular road conversion program. Program is for the conversion of road sections from gravel. The scope involves drainage works, granular base improvements, and surface treatment. Involves Concession 9 Walpole (Haldimand Rd 18 to 53), Jenny Jump Rd (Bird Rd to stub east), Concession 10 Walpole (Sandusk to Cheapside), Abbey Rd, Stoneman Rd (Rd 66 to Rd 54), Concession 9 (Old Talbot Rd to end), Old Lakeshore Rd (New Lakeshore Rd to End). Approximately 87 km in total (2 lane traffic).	\$2,349,600	\$7,037	Complete
Local Roads and Bridges	Haliburton, County of	Double Surface Treatment of County Road 12 (Livingstone Lake Road)	County Road 12 received a double surface treatment between Inspiration Drive and Trout Spawn Lake Road (approximately 79,200 sq m). The sections of CR 12 that were rehabilitated were in poor condition and below acceptable standards. The project allowed the County to restore these road sections to an acceptable level of service that benefits local residents, businesses, and tourists, as well as reduces maintenance costs and possible claims.	\$832,956	\$572,839	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Halton Hills, Town of	Installation of Cycling Infrastructure on Maple Avenue	The objective of the project is to construct a new multiuse pathway and cycle track along Maple Avenue from Trafalgar Road to Mountainview. The work will be phased with Phase 1 being Maple Ave from Main St. to Mountainview. Phase 2 will be Maple Ave from Trafalgar to Main St. The Engineering and Design for this project will also be included within the scope of work for this project.	\$1,545,000	\$753,148	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Third Line Resurfacing - Urban Limit to 32 SdRd	The objective of the project is to resurface Third Line between the Urban Limit (Acton) and 32 Side Road. The primary deliverables are the pulverization of the existing road surface with base repairs as required along with a new asphalt driving surface.	\$1,287,500	\$3,672	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Asphalt Resurfacing of Collector Roads and Arterial Roads	This project involves the rehabilitation of collector and arterial roads that have exceeded their expected life cycle. Work is occurring on 15 side road between Trafalgar Rd and Main St (1,431 m), 22 Side Road between Regional Rd 25 and Quarry Entrance (1,888 m), Sinclair Ave from Mountainview Rd to Duncan Dr (288 m), and Sargent Rd from Mountainview to the End (905 m). Improvements completed under this project include resurfacing as well as minor reconstruction.	\$2,343,200	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	AODA Accessible Traffic Signal Installation	Update existing traffic control signals with Accessible Pedestrian Signals (APS) as per the Accessibility for Ontarians with Disabilities Act. The benefit of the APS upgrades is the removal of barriers for people with disabilities traversing signalized intersections. Three locations are being upgraded.	\$105,000	\$38,503	Complete
Local Roads and Bridges	Halton Hills, Town of	Culvert Replacement on 6th Line	Engineering and construction to rehabilitate #23 Culvert on Sixth Line just north of 22nd Sd Rd. The existing culvert is in poor condition and the wingwalls are rotating outwards. □ The project will provide safe and reliable transportation ensuring the existing road network will continue to function efficiently.	\$1,250,000	\$108,319	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Halton Hills, Town of	Lauchlin Crescent Walkway Rehabilitation	Undertake the design and construction for the replacement of the existing Lachlin Crescent concrete pathway. Project will include the pathway, concrete retaining walls (incl. fencing and lighting) and drainage improvements. □ □ Pathway improvements will improve pedestrian safety and prevent future property damage.	\$350,000	\$2,901	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Maple & Main NB Turn Lane Construction	The scope of this project is to construct multiple turn lanes as well as extend existing turn lanes to improve the service level of the intersections at Guelph/Maple and Main/Maple. Intersection improvements also include a slight adjustment to the east-west alignment of the intersection. This project will provide safe and reliable transportation ensuring the existing road network will continue to function efficiently, as well as improve access for emergency service vehicles.	\$860,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Harold Street Stormwater Improvements	The scope of this project is to implement improvements to the existing roadway of Harold St to address drainage concerns in the area. The construction will incorporate and accommodate for impacts from new local development in 2021 with a possible increase to overall infrastructure capacity as part of the construction.	\$1,000,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Construction of Guelph/Mill Approach Improvements	Construction of the southbound left turn lane from Mill St. on to Guelph St. and northbound right turn lane to align with the ongoing construction program for the related local development. The work also involves improvements at the intersection to ensure it meets AODA requirements. The new turn lanes are to assist and improve capacity of the roadway.	\$475,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Halton Hills, Town of	Mill St Neighbourhood Improvements	Multi-year project with improvements to be implemented based on the recommendations of the Mill Street Corridor Precinct Neighbourhood Study. Improvements will address safety risks to people that live in the neighbourhood or use the area to access the GO Transit Station. □ Improvements include installation of active transportation infrastructure, pavement renewal, traffic calming infrastructure and others as identified in the Study.	\$200,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Rural Intersection Street Lighting	This project involves installing new streetlights at three rural intersections to improve road safety at night. The new streetlights will utilize LED technology in order to provide illumination at rural intersections, while also limiting the energy consumption of the new lights.	\$30,000	\$963	Complete
Local Roads and Bridges	Halton Hills, Town of	Design & Construction of Mill Street - Dayfoot Dr to McNabb St	This project is for the design and construction of improvements identified in the Mill Street Neighbourhood Study, including boulevard enhancements, sidewalk extensions / modifications, cycling lanes / signage, roadway improvements (resurfacing, curb replacements/modification) and traffic calming measures. Improvements are being implemented using a multi-year phased approach.	\$6,025,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Rehabilitation of Mountainview Bridge	The scope of this project is to provide engineering work to support the rehabilitation of the bridge. This project allows the Town to provide safe and reliable transportation infrastructure and ensures the existing road network continues to function properly. The planned rehabilitation work extends the overall life cycle of the bridge.	\$1,950,000	\$164,794	Complete
Local Roads and Bridges	Halton Hills, Town of	Traffic Signals Upgrades	Upgrading the traffic signal capacity analysis to ensure that all signalized intersections are operating at an optimum level of service. The upgrades will result in improved traffic flow along main corridors such as Mountainview Road and Guelph Street; optimized traffic signals operation at each intersection; reduced driver frustration, and improved air quality.	\$30,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Halton Hills, Town of	10th Line Gabion Wall Rehabilitation/Engineering	Design and construction to stabilize a section of slope on Tenth Line to prevent future road failures associated with slope instability. Slope stabilization improvements include the reconstruction of the road base and slope using a reinforced soil system together with local drainage and guard rail.	\$650,000	\$0	Complete
Local Roads and Bridges	Halton Hills, Town of	Construction of Prince Street Improvements	Engineering, design and construction required to improve Prince Street overall functionality and pedestrian movements, between Main Street and Barraclough Boulevard. Drainage concerns will also be addressed as part of the reconstruction.	\$810,000	\$8,305	Ongoing
Local Roads and Bridges	Halton, Region of	Road Resurfacing at Various Locations	The Region is resurfacing approximately 13.7 km of Regional roads. This work will reinvigorate Regional roadways and extend their life cycles, which improves safety, smoothness of traffic and driving comfort to the public.	\$9,325,000	\$1,428,990	Ongoing
Local Roads and Bridges	Halton, Region of	Installation of Roadway Improvements in Conjunction with Resurfacing Works	This is to improve safety conditions and facilities for public users on regional roadways in conjunction with resurfacing works. This includes the installation of additional guide rails to improve safety and the installation of Intelligent Transportation Management System equipment such as Autoscope Vision Camera at road intersections to reduce traffic congestion.	\$4,689,000	\$269,571	Ongoing
Local Roads and Bridges	Halton, Region of	Bridge Rehabilitation - Neyagawa Blvd (Shannon's Creek) & Upper Middle Road (Sixteen Mile Creek)	The objective of this project is to rehabilitate the bridge over Shannon's creek on Neyagawa Blvd between Munn's Avenue and River Oaks Boulevard and on the bridge over Sixteen Mile Creek (Smith Triller viaduct) on Upper Middle Road to keep them in the state of good repair. As a part of this project, asphalt resurfacing over the bridges at both locations will be completed along with modification of the existing railing over the bridge to make it cyclist compliant.	\$4,093,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Halton, Region of	Reconstruction of Winston Churchill Boulevard - 17 Side Rd to Old Pine Crest Road	This is for the design & reconstruction of Winston Churchill Boulevard. Currently there are no paved shoulders which is not ideal & presents a safety concern for residents walking or cycling. Paved shoulders will be implemented so that it can be used by cyclists & pedestrians to safely travel throughout the corridor. With the update of the required works, the investment made now will benefit the longevity shown in the safety and vehicle use of this road.	\$8,358,000	\$15,100	Ongoing
Local Roads and Bridges	Halton, Region of	Resurfacing Upper Middle Road and Guelph Line	The Region is resurfacing Upper Middle Road (from Guelph Line to Country Club Drive) and Guelph Line (from Dundas to No 2 Side Road and from No 2 Side Road to Colling Rd). This is an ongoing program to remove asphalt and replacement with new hot mix asphalt to ensure that the roads are in a state of good repair.	\$8,606,000	\$0	Ongoing
Local Roads and Bridges	Halton, Region of	Implementation of Region Wide Operational Study Improvements for Roads	For the implementation of region-wide operational study improvement recommendations such as traffic signal enhancements, signage, pole relocation, island removal, turn lanes, new signal phasing, as well as controller and ATS replacement.	\$1,046,000	\$0	Ongoing
Local Roads and Bridges	Halton, Region of	Guelph Line Resurfacing/Reconstruction in Various Locations	Resurfacing or reconstructing Guelph Line from Colling Road to Britannia Road, No. 20 Side Road to No. 25 Side Road, No. 25 Side Road to No. 30 Side Road, and No. 30 Side Road to No. 32 Side Road.	\$12,570,000	\$274,942	Ongoing
Local Roads and Bridges	Halton, Region of	Resurfacing Guelph Line, Brant Street and Neyagawa Blvd	Resurfacing of Guelph Line (Upper Middle to Dundas and Fairview to Harvester), Brant Street (403/QEW to North Service Road), and Neyagawa Blvd (Upper Middle to Dundas).	\$9,713,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Winston Churchill Blvd - Reconstruction from Terra Cotta to Balinafad Rd/32 Side Road	Reconstruction of approximately 1.2 km of Winston Churchill Boulevard in the Town of Halton Hills, in conjunction with the Region of Peel.	\$2,766,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Halton, Region of	Bridge and Culvert Rehabilitation	Region-wide rehabilitation and replacement of nine (9) bridges and two (2) culverts to maintain service levels. Work involves undertaking enhanced structure inspections, rehabilitating concrete, upgrading guide rail systems, and replacing culverts.	\$9,755,000	\$317,833	Ongoing
Local Roads and Bridges	Halton, Region of	Realignment of RR 25 at Lower Base Line Intersection	The project involves construction works related to the realignment of Bronte Road (Regional Road #25) at Lower Base Line in the Town of Milton and the Town of Oakville.	\$4,128,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Widening of Upper Middle Rd from Winston Park Dr to Winston Churchill Blvd	Upper Middle Road is being widened from Winston Park Drive to Winston Churchill Boulevard (a length of approximately 900 m). The widened road includes a four-lane urban cross section, signalization of the intersection with Winston Park Drive and an existing commercial intersection, as well as a multi-use path on the north/west side of the roadway.	\$9,853,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Design and Widening of Steeles Ave from Industrial Drive to Martin Street	The project involves the design and widening of Steeles Avenue from Industrial Drive to Martin Street, with a 4-lane urban cross section, flush median, intersection improvements, as well as dedicated bike lanes and multi-use paths on both sides of the roadway.	\$13,283,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Reconstruction of Guelph Line from North of Derry Rd to Conservation Rd	The two-lane reconstruction of Guelph Line from 1 km north of Derry Road to Conservation Road includes paved shoulders (with provisions for cycling), formalized drainage ditches, and curb and gutter to minimize impacts at rock outcrops.	\$5,093,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Widening RR 25 from 2 to 4 Lanes Between Highway 407 and Britannia	Widening of Regional Road 25 from 2 to 4 lanes from Highway 407 to Britannia and the re-alignment of intersection at Lower Base Line. The most significant output from this project is the development of a sustainable transportation corridor, which minimizes impacts on the environment (e.g. air quality). To meet the gas tax funding criteria the project will utilize recycled materials and install turning lanes and traffic lights to improve traffic flow.	\$14,102,785	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Halton, Region of	Widening and Realignment of Tremaine Road	The Regional Official Plan and the Transportation Master Plan envision Tremaine Road as a major north-south arterial providing regional connection west of the Town of Milton. New 4-lane road from Main Street to Steeles Ave; Widening 2 to 6 lanes from Derry Rd to Britannia Rd; new 4-lane road from Steeles to James Snow Parkway; Rail Grade Separation at CN Crossing; Bridge over sixteen Mile creek. A new Tremaine Road interchange at Highway 401 is also planned and currently in design.	\$187,219,000	\$0	Ongoing
Local Roads and Bridges	Halton, Region of	Widening Dundas Street between Oak Park Boulevard and Highway 403	Detailed design and construction for the widening of 4.1 km of Dundas St (Regional Road 5) from four to six lanes between Oak Park Blvd and Hwy 403. The need for additional capacity in this section of the corridor was confirmed as part of the Class Environmental Assessment Study filed in October 2004.	\$37,465,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Widening Steeles Avenue between Trafalgar Road and Winston Churchill Avenue	Detailed design and construction for the widening of 4.7 km of Steeles Ave (Regional Road 8) from two to four lanes between Trafalgar Rd (Regional Road 3) and Winston Churchill Blvd (Regional Road 19) in the Town of Halton Hills (Georgetown). Need for additional capacity in this section of the Highway 401 corridor was confirmed as part of the Class Environmental Assessment (EA) Study, which was filed in September 2004.	\$37,695,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Design and Construction of Dundas St (RR 5) & Sixteen Mile Creek bridge	Detailed design and construction for the widening of 2.6 km of Dundas St (Regional Rd 5) from four to six lanes between Neyagawa Blvd (Regional Rd 4) and Proudfoot Trail, including a new bridge crossing Sixteen Mile Creek. Includes provision of a minimum 4.2 m wide shared curb lane along the road and across the bridge to accommodate cyclists.	\$59,270,342	\$0	Complete
Local Roads and Bridges	Halton, Region of	EA & Expansion of Upper Middle Road (Regional Road 38)	Class EA and widening of 0.9 km of Upper Middle Rd (Regional Rd 38) from two to four lanes between Winston Park Dr and Winston Churchill Blvd (Regional Rd 19). Includes provision of a minimum 4.2 m wide shared curb lane to accommodate cyclists.	\$540,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Halton, Region of	EA and Expansion of Trafalgar Road (Regional Road 3)	Class EA and widening of 5.3 km of Trafalgar Rd (Reg. Rd 3) from four to six lanes between Upper Middle Rd (Reg. Rd 38) and Hwy 407 and widening between Leighland and Upper Middle Rd. Trafalgar Rd will be a major transit corridor (high-order system - HOV lanes or dedicated transitway) that could provide for inter-regional transit service. Also included are intersection improvements, raised median and multi-use paths/sidewalks, and a 4.2m wide shared curb lane for cyclists.	\$78,302,000	\$188,672	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing & Road Reconstruction in Ward 15	Multiple roadways in Ward 15 have become structurally deficient and are in need of reconstruction. Work improves the level-of-service, increases safety and reduces maintenance costs in the future. Works will take place on Braeheid from Parkside to Riley, Cedar from Hamilton to Main and Fern from Cedar to end.	\$1,054,879	\$273,581	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Sidewalk, Curb, and Asphalt in Ward 14	Sections of sidewalk, curb, and asphalt in Ward 14 had become structurally deficient and were in need of reconstruction to improve the level of service, increase safety, and reduce maintenance costs. Work is occurring on Benvenuto Cres, Caswell Dr, Clifton Downs Rd, Cranbrook Dr, Gilcrest St, Greencedar Dr, Greenshire Dr, Horizon Crt, Megna Crt, Nellida Cres and West 32nd (2.75 lane-km in total).	\$1,387,871	\$44,121	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation & Resurfacing of Parkside Avenue and Caley Street	Parkside Avenue and Caley Street (2.54 km) have become structurally deficient and are in need of reconstruction. Work improves the level-of-service, increases safety and reduces maintenance costs.	\$1,387,193	\$50,880	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Road Resurfacing and Rehabilitation in Ancaster Heights	Structurally deficient roadways in Ancaster Heights were reconstructed to improve the level-of-service and increase safety. Work occurred on Elenor (Montgomery to English), English (Eleanor to east end), Margaret (Eleanor to east end), Vernon (Montgomery to east end), Montgomery (Wilson to east end), Massey (Alexander to Montgomery), Haig (Massey to Montgomery), Alexander (Elizabeth to east end), Mewburn (Alexander to Bailey), Bailey (Haig to south end) and Bishop (Montgomery to west end).	\$1,758,903	\$401,616	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Sidewalk, Curb, and Asphalt in Ward 10	Sections of sidewalk, curb, and asphalt in Ward 10 had become structurally deficient and were in need of reconstruction to improve the level of service, increase safety, and reduce maintenance costs. Work occurred on Carla Ave, Chelsea Cres, Cresthaven Dr, Federal St, Highway No. 8, MacIntosh Dr, and Madoc St (for a total length of 0.05 km of curb and 0.38 km of sidewalk).	\$865,130	\$50,880	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Sidewalk, Curb, and Asphalt in Ward 9	Sections of sidewalk, curb, and asphalt in Ward 9 had become structurally deficient and were in need of reconstruction to improve the level of service, increase safety, and reduce maintenance costs. Work occurred on Gatestone Dr, Gordon Drummond Ave, Jutland Crt, Lyton Cres, Nordale Cres, Parkvista Pl, Twinoaks Cres, Ventura Crt, and Ventura Dr (for a total length of 1.09 km of sidewalk and 0.18 km of curb).	\$1,805,799	\$200,000	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Roadways in Ward 8	Multiple roadways in Ward 8 (5.5 km) had become structurally deficient and were in need of reconstruction to improve the level-of-service, increase safety, and reduce maintenance costs. Work occurred on Appleblossom Dr, Appleseed Pl, Bermuda Crt, Brigadoon Dr, Burrwood Dr, Clearwater Dr, Como Pl, Dicenso Dr, Duncairn Cres, Elkwood Crt, Galloway Crt, Harbottle Crt, Joseph Crt, Krieghoff Dr, Marlowe Dr, Marriott Pl, Piper Pl, Sparling Ave, Stone Church Rd E, Torino Dr, Trieste Pl and Westlawn Dr.	\$1,529,206	\$200,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Sidewalk, Curb, and Asphalt in Ward 7	Sections of sidewalk, curb, and asphalt in Ward 7 had become structurally deficient and were in need of reconstruction to improve the level of service, increase safety, and reduce maintenance costs. Work affected 6.25 lane-km of road.	\$1,520,289	\$83,443	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Sidewalk, Curb, and Asphalt in Ward 6	Sections of sidewalk, curb, and asphalt in Ward 6 have become structurally deficient and are in need of reconstruction to improve the level of service, increase safety, and reduce maintenance costs. Work affected 4.75 lane-km of road.	\$1,179,146	\$200,000	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing & Rehabilitation of 1st Street North	1st Road North between Galbraith Drive and the south end had become structurally deficient and was in need of reconstruction. This work improved the level-of-service, increased safety and reduced maintenance costs.	\$863,523	\$200,000	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Sidewalk, Curb, and Asphalt in Ward 4	Sections of sidewalk, curb, and asphalt in Ward 4 have become structurally deficient and are in need of reconstruction to improve the level of service, increase safety, and reduce maintenance costs. Work affected 3.75 lane-km of Barton St, Brampton St, Brighton Ave, Britannia Ave, Burgess Ave, Cope St, Dunn Ave, Dunsmure Rd, Glennie Ave, Grace Ave, Ivon Ave, Pailing Ave, Tate Ave, Tragina Ave, and Weir St.	\$972,960	\$200,000	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Sidewalk, Curb, and Asphalt in Ward 3	Sections of sidewalk, curb, and asphalt in Ward 3 have become structurally deficient and are in need of reconstruction to improve the level of service, increase safety, and reduce maintenance costs. Work occurred on Balsam Ave (0.32 km of sidewalk), Birge St (0.02 km of sidewalk), Kensington Ave (0.06 km of sidewalk), and Lottridge St (0.02 km of sidewalk).	\$1,145,790	\$76,320	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation & Resurfacing on Charlton Avenue West	Charlton Avenue has become structurally deficient and is in need of reconstruction. Work entails the replacement of sidewalk, curb, and asphalt along 0.25 lane-km of road. This helps improve the level-of-service, increase safety and reduce maintenance costs.	\$992,550	\$550	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Dundas from First Road to Boundary	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety and reduce maintenance costs.	\$2,000,000	\$2,000,000	Ongoing
Local Roads and Bridges	Hamilton, City of	Claremont Access - Reconstruction	As part of the reconstruction of the Claremont Access from Inverness to Main Street the removal of the existing steel retaining wall (bin wall) along Claremont Access as it is reaching the end of its service life. The road way has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs.	\$4,590,000	\$261,384	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Stone Church Road from Golf Links Road to Omni Boulevard	The roadway (Stone Church Road from Golf Links Road to Omni Boulevard) has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs.	\$1,600,000	\$944,471	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Hillcrest - East of Chedoke	The roadway became structurally deficient and was in need of reconstruction. This investment improved the level-of-service, increased safety and reduced maintenance costs. This project was coordinated with sewer and watermain upgrades.	\$200,000	\$30,839	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 417 on Harrison Road	Based on the OSIM bridge inspection, it has been determined that the existing bridge is in need of minor rehabilitation to extend the asset's life and performance. This is intended to reduce the risk to public safety while maintaining continuity of the road network.	\$410,000	\$6,380	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 451 on Highway 5	Rehabilitation of Bridge 451 on Highway 5 following the results recommendations of the OSIM inspection.	\$550,000	\$75,430	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 296 (Governors Road)	Based on the OSIM bridge inspection and additional investigations completed, it was determined that the existing bridge structure was deficient and in need of rehabilitation to extend the asset's life and performance. This work reduced the risk to public safety while maintaining continuity of the road network.	\$780,000	\$129,430	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Rymal Road - Fletcher to Upper Centennial	This roadway has become structurally deficient and is in need of reconstruction. Work will improve the level-of-service, increase safety, and reduce maintenance costs.	\$13,776,000	\$43,000	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 090 (McMurray)	Based on the OSIM bridge inspection and additional investigations completed, it was determined that the existing bridge structure had become deficient and was in need of rehabilitation to extend the asset's life and performance. This work will reduce the risk to public safety and maintain continuity of the road network.	\$1,100,000	\$36,087	Ongoing
Local Roads and Bridges	Hamilton, City of	Escarpment Slope & Appurtenance Stabilization	Minor rehabilitation / resurfacing work (required to maintain public safety) on the escarpment and adjoining roadways due to natural erosion process or sudden local escarpment failure.	\$1,300,000	\$299,917	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Various Roads	The City is resurfacing and rehabilitating Garth St (from Stone Church Rd to Rymal Rd), King St (from Battlefield Dr to Applewood Ave), Mountain Ave, Rosedale Ct, and Highway 8 (from Grays Rd to Fruitland Rd). Work also involves the placement of sidewalks and curbs and is being coordinated with watermain replacement and storm sewer installation. These roads are structurally deficient and are in need of reconstruction to improve the level-of-service, increase safety, and reduce maintenance costs.	\$2,140,000	\$110,661	Ongoing
Local Roads and Bridges	Hamilton, City of	Construction and Improvement of On-Street Bike Facilities	To create and improve cycling infrastructure through the implementation and rehabilitation of on- and off-road paths, lanes, signed routes and cycling infrastructure. The addition of cycling lanes and bike shoulders support the strategic initiative of making Hamilton a greener and healthier City in which to live.	\$600,000	\$14,398	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Bicycle Boulevard Upgrades	The City is improving the bicycle network on local streets in the neighbourhood of Greenway. This project upgrades existing bicycle infrastructure by improving protection measures on cycle tracks and at strategic intersections. Includes signage and pavement marking upgrades and other measures.	\$200,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Bicycle Infrastructure Upgrades	To upgrade existing physical bicycle infrastructure with improved protection measures for cycle tracks and at intersections at strategic locations. Removal of existing rubber curbing and replacement with drainage friendly parking curbing and other similar measures to improve cyclist safety.	\$300,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Road Reconstruction - Strachan Street East, Rymal & Mud Street	The roadways of Mud Street West from Paramount Drive to Upper Centennial Parkway and Strachan Street East from James Street to the East End, have become structurally deficient and are in need of reconstruction to improve the level-of-service, increase safety, and reduce maintenance costs.	\$1,000,000	\$250,000	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Retaining Walls - Fifty Road Escarpment Access	The roadway has become surface deficient and is in need of resurfacing and base repairs, in coordination with slope stabilization. This will extend the life of the roadway, improve the level-of-service, increase safety and reduce maintenance costs. Project will upgrade and renew six retaining wall infrastructure assets along the Fitty Road escarpment crossing to improve community safety.	\$290,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Roads in the York Heights / Hunter Neighbourhood	Glenmorris, Underhill, Sleepy Hollow, and Wilmar are being rehabilitated. These roadways have become structurally deficient and are in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. These streets require reconstruction in advance of a future "Asset Preservation – Neighbourhood Resurfacing" project. This project is being coordinated with sewer and watermain replacement.	\$290,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Sightline Improvements on Trinity Road South	Sight line road improvements on Trinity Road South, south of Cormorant Road, to improve visibility and safety to the community.	\$250,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Retaining Wall Rehabilitation	To perform rehabilitation and/or the replacement of minor retaining walls situated upon road allowances throughout the City, reducing maintenance costs, liability risks and extending the service life of the asset where possible.	\$1,454,000	\$73,776	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Barton Street East - Ottawa to Kenilworth	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety and reduce maintenance costs. This project is being coordinated with watermain replacement.	\$150,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Southcote Road - Book to Garner	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety and reduce maintenance costs.	\$830,000	\$101,760	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Marion Avenue South - Longwood to Dromore	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This street requires reconstruction in advance of a future "Asset Preservation – Neighbourhood Resurfacing" project. This project is being coordinated with watermain and sewer replacement.	\$290,000	\$3,114	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Barton Street East - Parkdale to Talbot	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is being coordinated with watermain replacement and sewer upgrades.	\$2,270,000	\$76,101	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Brock Road - Concession 4 W to Safari	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety and reduce maintenance costs.	\$3,800,000	\$1,384,262	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Sidewalk Rehabilitation Throughout the City	Inspection and replacement of existing sidewalks/approach aprons throughout the city, reducing liability, increasing public safety and extending life expectancy.	\$750,000	\$589,400	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Charlton from Sherman Access to Wentworth	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety and reduce maintenance costs.	\$520,000	\$263,874	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Paramount from Atlas to Old Mud	The roadway has become surface deficient and is in need of rehabilitation strategies such as resurfacing and base repairs to improve ridability and public safety. This is intended to improve related levels of service while preserving the asset from further deterioration and reducing ongoing maintenance costs.	\$3,500,000	\$1,474,652	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Mud St. W. from Paramount Dr. to Upper Centennial Parkway	The roadway has become surface deficient and is in need of rehabilitation strategies such as resurfacing and base repairs to improve ridability and public safety. This is intended to improve related levels of service while preserving the asset from further deterioration and reducing ongoing maintenance costs.	\$3,410,000	\$481,390	Ongoing
Local Roads and Bridges	Hamilton, City of	Highway 8 Escarpment Access Retaining Wall Replacements	The city is replacing deteriorated retaining walls along the Highway 8 (Dundas) escarpment access from Woodleys Lane to Bridge 248. This will increase safety and stabilize the escarpment slope.	\$1,500,000	\$517,860	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Highway 8 from Bond to Woodleys Lane	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is to be coordinated with drainage/sewer upgrades and replacement of Bridge 248 King St W, 145m w/o Bond. CPMS 10239	\$970,000	\$257,826	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 372 on Wilson Road	Based on the OSIM bridge inspection and additional investigations completed, it has been determined that the existing culvert has become deficient and is in need of rehabilitation to extend the asset's life and performance. This is intended to reduce the risk to public safety while maintaining continuity of the road network.	\$180,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 248 on King Street West	Based on the OSIM bridge inspection and additional investigations completed, it has been determined that the existing bridge structure has become deficient and is in need of replacement in order to reduce the risk to public safety while maintaining continuity of the road network.	\$4,061,000	\$3,183,388	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 437 on Miles Road	Based on the OSIM bridge inspection and additional investigations completed, it has been determined that the existing bridge structure has become deficient and is in need of replacement in order to reduce the risk to public safety while maintaining continuity of the road network.	\$850,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 366 on Mud Street West	Based on the OSIM bridge inspection and additional investigations completed, it has been determined that the existing bridge structure has become deficient and is in need of rehabilitation to extend the asset's life and performance. This is intended to reduce the risk to public safety while maintaining continuity of the road network.	\$1,840,000	\$1,455,045	Ongoing
Local Roads and Bridges	Hamilton, City of	Beasley Park Rehabilitation Phase 2 - Kelly Street Pedestrianization	Phase 2 of construction involves the closing and pedestrianization of Kelly St. (approximately 50 m) between Wilson, Cannon, Mary, and Ferguson which entails the installation of concrete pathways, restoration of the existing water fountain, grading, and sodding. The pedestrianization of Kelly St was identified as part of the Master Plan Redevelopment of Balance for Beasley Park and will meet the Corporate Strategic Direction number 7: Healthy Community.	\$854,119	\$158,951	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 313 on Arkledun Ave (Jolley Cut) over Claremont Access	Based on the OSIM bridge inspection, the existing bridge structure has become structurally deficient and is in need of rehabilitation to ensure public safety and continuity of the road network.	\$350,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Claremont Access - Keddy Trail Development	Development of a 1.75 km trail to connect the Hamilton Mountain and the lower city. Trail is to be a three-metre-wide multi-use asphalt trail on the north side of the Claremont Access between Hunter Street and West 5th.	\$4,336,517	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation and Resurfacing of Southcote from Calder to Garner	In conjunction with the Ancaster Transit Study, the roadway requires widening to a four (4) lane profile to improve operation and safety. The roadway has become surface deficient and is in need of rehabilitation strategies such as resurfacing and base repairs to improve rideability and public safety. This is intended to improve related levels of service while preserving the asset from further deterioration and reducing ongoing maintenance costs.	\$4,582,600	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Streetlight Upgrades and Replacements	To improve street lighting by upgrading street lights on residential streets and alleys, upgrading deficient existing installations, replacing old and leaning poles, and replacing decorative lighting fixtures.	\$500,000	\$21,177	Ongoing
Local Roads and Bridges	Hamilton, City of	Urbanization of Springbrook Avenue from Regan to Garner	Urbanization of Springbrook Avenue to an urban standard from Garner Road to Lockman Drive. Construction is being completed in conjunction with the new development.	\$3,000,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Haddon from Sterling to Marion	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is to be coordinated with watermain replacement.	\$676,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of North Service Road from Centennial Pkwy to Drakes	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs.	\$1,470,000	\$113,996	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Urbanization of First Road West from Green Mountain Road to Mud Street	Urbanization of First Road West from Green Mountain Road to Mud Street to be completed in conjunction with the Red Hill Phase 1 development. The roadway is in need of urbanization. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project also includes watermain replacement.	\$5,810,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Highway 8 from Hillcrest to Park	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with sewer upgrades.	\$1,090,319	\$20,564	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Cedar St, Fern Ave, and Braeheid Ave	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs. This project will be coordinated with the installation of a new layby adjacent to Guy B. Brown Elementary School.	\$1,580,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Strachan from James to the East End	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with watermain replacement and sewer upgrades.	\$922,000	\$688,222	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Delana, Beland, and Dunsmure	The roadway on Delana and Beland (from Queenston to Glengrove) has become structurally deficient and is in need of reconstruction. This project is being coordinated with watermain replacement. Dunsmure Rd is being resurfaced only from Parkdale to Reid. This will improve the level-of-service, increase safety, and reduce maintenance costs.	\$1,610,000	\$173,152	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Roxborough from Kenilworth to Strathearne	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with watermain replacement.	\$1,147,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Rehabilitation and Resurfacing of Beach Blvd from Woodward to Eastport	The roadway has become surface deficient and is in need of rehabilitation strategies such as resurfacing and base repairs to improve ridability and public safety. This is intended to improve related levels of service while preserving the asset from further deterioration and reducing ongoing maintenance costs.	\$2,160,000	\$104,053	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation and Resurfacing of Book Road from Southcote to Glancaster	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs.	\$610,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing & Rehabilitation of Claremont Access from Inverness to Main	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with binwall removal.	\$1,984,000	\$58,798	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation and Resurfacing Work on Local Escarpment Roads	Minor rehabilitation/resurfacing work (required to maintain public safety) on the escarpment due to natural erosion processes or sudden local escarpment failure. Work is required to protect sections of New Mountain Road, Sherman Access East, and other local escarpment roads.	\$1,034,000	\$483,215	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Highway 8 from Woodleys Lane to Hillcrest	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with drainage/sewer upgrades. The road platform is additionally being widened to better accommodate cycling.	\$1,044,313	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Central Neighbourhood Roads - Hess St N and Colbourne St	In accordance with the Local and Collector Road Asset Preservation Strategy, Hess St N (from Cannon St W to Barton St W) and Colbourne St (from Bay St N to MacNab St N) are being rehabilitated. These roadways have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, reduce risk and liability, and reduce maintenance costs.	\$461,000	\$219,256	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Resurfacing & Rehabilitation of Lincoln M. Alexander Parkway	The section of roadway between Upper James and the Red Hill Valley Parkway has become surface deficient and is in need of resurfacing and base repairs to improve ride-ability and public safety. This is intended to improve the level-of-service while preserving the asset from further deterioration, as well as reducing ongoing maintenance costs. Works will include the roadway and associated on/off ramps. Condition assessment of subsurface appurtenances are completed and cleared.	\$3,900,000	\$1,286,156	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing & Rehabilitation of roads in the Homeside Neighbourhood (South)	In accordance with the Local and Collector Road Asset Preservation Strategy, Garside Ave N (from Dunsmure Rd to Britannia Ave), Cameron Ave N (from Main St E to Cannon St E), and Farfield Ave and Strathearne Ave (both Main St E to Britannia Ave) are being rehabilitated. These roadways have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, and reduce maintenance costs.	\$1,129,523	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Queenston Bridge Rehabilitation	Based on the OSIM bridge inspection, it has been determined that the existing culvert has become deficient and is in need of rehabilitation to extend the asset's life and performance. This is intended to reduce the risk to public safety, while maintaining continuity of the road network.	\$700,000	\$185,813	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 441 on Harrison Rd	Based on the OSIM bridge inspection, it has been determined that the existing bridge has become deficient and is in need of replacement. This is intended to reduce the risk to public safety while maintaining continuity of the road network.	\$680,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Replacement of Bridge 150 on Tapleystown Rd	Based on the OSIM bridge inspection, it has been determined that the existing bridge has become deficient and is in need of replacement. This is intended to reduce the risk to public safety while maintaining continuity of the road network.	\$400,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Railway Crossing Upgrades	To conduct a safety assessment and complete resulting repairs and rehabilitation to 13 railway crossings in the City of Hamilton in order to meet Federal legislative requirements. Legislative requirements require that we conduct a full assessment of all railway crossings in the City of Hamilton and conduct remedial improvements at the railway crossings.	\$2,563,000	\$264,032	Ongoing
Local Roads and Bridges	Hamilton, City of	Battlefield Park Bridge Replacement	The vehicular bridge that connects the east side of Battlefield Park National Historic Site to the west side has severe structural deficiencies and needs to be replaced. Currently the bridge has been blocked to vehicular traffic as it was judged unsafe by a structural engineer.	\$500,000	\$16,758	Ongoing
Local Roads and Bridges	Hamilton, City of	Conversion from One-Way to Two-Way Traffic on Victoria Ave	To implement the conversion of Victoria Avenue North (from Ferrie Street to Barton Street) from one-way traffic to two-way traffic. Work follows from the conversion of Victoria Avenue North - Phase 1 from Burlington Street to Ferrie Street.	\$450,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Traffic Signal Modernization	Modernization of traffic signals at seven intersections. Work involves the reconstruction of signals where required due to roadway reconstruction.	\$1,090,000	\$142,537	Ongoing
Local Roads and Bridges	Hamilton, City of	Central Neighbourhood North Road Construction	Approximately 0.68 lane-km of roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is to be coordinated with watermain replacement.	\$2,467,000	\$1,609,355	Ongoing
Local Roads and Bridges	Hamilton, City of	Cheever/Birge Road Reconstruction	Reconstruction of Cheever St (from Barton St to Birge St) and Birge St (from Cheever St to Wentworth St). This roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is to be coordinated with sewer upgrades and watermain replacement.	\$380,000	\$7,036	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Reconstruction of Brampton St (Parkdale Ave to Strathearne Ave)	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is to be coordinated with watermain replacement.	\$1,363,069	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation - Britannia, Cannon, Garside, Cameron & Crosthwaite	Resurfacing and rehabilitation of Britannia Ave (from Strathearne Ave to Kenilworth Ave), Cannon St (from Kenilworth Ave to Britannia Ave), and Garside Ave, Cameron Ave and Crosthwaite Ave (each from Cannon St to Britannia Ave). The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety and reduce maintenance costs.	\$870,000	\$35,832	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation - Mountview Neighbourhood	In accordance with the Local and Collector Road Asset Preservation Strategy, approximately 7.4 lane-km of the roadways within this neighbourhood have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, reduce risk and liability, and reduce maintenance costs.	\$2,402,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation - Buchanan Neighbourhood	In accordance with the Local and Collector Road Asset Preservation Strategy, approximately 6.5 lane-km of the roadways within this neighbourhood have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, reduce risk and liability, and reduce maintenance costs.	\$1,870,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation - Balfour Neighbourhood	In accordance with the Local and Collector Road Asset Preservation Strategy, approximately 8.5 lane-km of the roadways within this neighbourhood have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, reduce risk and liability, and reduce maintenance costs.	\$2,400,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Reconstruction of Streets Adjacent to Central Park	Reconstruction of 1.9 lane-km of streets adjacent to Central Park (Sheaffe, Caroline, Cannon [local leg], Railway, Mill, Harriet, Windsor) including upgrades to watermain, sanitary, and storm through Central Park. Work is being coordinated with Central Park soil remediation and park redevelopment.	\$3,890,000	\$1,361,434	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Multiple Local Roads	Reconstruction of 7.36 lane-km of structurally deficient roadways to improve the level of service, increase safety and reduce maintenance costs. The work is being coordinated with watermain replacement and include the reconstruction of Locke Street (including iron watermain with all pipe joints and fittings restrained and full depth granular A backfill) and saw cutting concrete road base along Pearl St (and restoration of sidewalk after watermain break).	\$6,632,384	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Traffic Signal Modernization at Four Intersections	Traffic signals are being modernized at four intersections: Rymal Rd at West 5th St, Mohawk Rd at Upper Ottawa St, Governors Rd at Moss Blvd, and Governors Rd at Huntingwood Ave.	\$650,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Two way Conversion of Victoria Avenue North from Burlington Street to Ferrie Street	To convert Victoria Ave North road from one-way traffic operation to two-way traffic operation, from Burlington Street to Ferrie Street. Work involves upgrading the railway crossing on Victoria Ave N.	\$360,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Concrete Rehabilitation of Burkholme Neighbourhood Roadways	Resurfacing of 13.9 km of roadway along with concrete rehabilitation as required. This improves related levels of service while preserving the asset from further deterioration, and reducing ongoing maintenance costs.	\$3,718,000	\$22,264	Ongoing
Local Roads and Bridges	Hamilton, City of	Implementation of Bike Lanes	To create and improve 3.441 km of cycling infrastructure through the implementation of lanes, signed routes and cycling infrastructure in coordination with yearly road construction projects. Involves Rymal Rd (Garth to West 5th and Hazelton Ave) and Governors Road (Creighton to Davidson).	\$450,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Multiple Roads Bruleville, Stipley, Red Hill etc.	This project involves the resurfacing of residential streets in the Red Hill (South), Stipley (South) (Main to Cannon), Bruleville (North), Yeoville & Sherwood neighbourhoods (a total length of 172.94 lane-km). The work includes curb and sidewalk repairs, mill and overlay of asphalt surfacing, and base asphalt repairs.	\$15,854,000	\$35,722	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction & Rehabilitation of Multiple Roads	Resurfacing and reconstruction of approximately 7.74 km of road. Work involves stripping existing asphalt to existing granular base, planing asphalt 40 mm thick and 600 mm wide, excavating, supplying and placing Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement, removing the median island and rehabilitating part of the road.	\$14,239,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Replacement of Bridge 452 - Centennial Pkwy	Replacement of bridge 452 on Centennial Pkwy. Project scope includes bridge replacement, construction of new piers and superstructure and associated road reconstruction. The existing bridge structure has become deficient and is in need of replacement in order to reduce the risk to public safety while maintaining continuity of the road network. This project is in coordination with GO Transit, CN Rail, road, water and sewer works.	\$509,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Multiple Local Roads	This project entails the resurfacing of all the residential streets in the Southmeadow/ Berrisfield/Scenic Woods/Stoney Creek neighbourhoods along with curb & sidewalk repairs, mill and overlay of asphalt surfacing, and base asphalt repairs. Road resurfacing work includes granular A base followed by a HL-4 Hot Mix Asphalt. Approx. total length of roads reconstructed is 316.94 lane Km.	\$32,034,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Reconstruction of West 35th & Bowman Sts. with Sherman Access Retaining Wall Replacement	Reconstruction of West 35th (Scenic to end), Bowman (south end to Willowcrest) and Ainslie (Emerson to east end) approx. 0.79km of roads ; replacement of various deteriorated sections of retaining wall (bin wall) along the Sherman Access in order to increase safety and reduce maintenance costs; and disposal of contaminated soils; excessive rock/soil removal from surface; and granular quantity overruns.	\$4,693,387	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Replacement of Bridges on Birch Ave and McMurray St	Based on the OSIM bridge inspection and additional investigations completed, bridge structures listed below have become deficient and are in need of replacement in order to reduce the risk to public safety while maintaining continuity of the road network: Bridge 330 on Birch Ave (75 m south of Burlington St E), Bridge 332 on Birch Ave (95 m north of Princess St) and Bridge 090 on McMurray St (100 m south of Hatt St).	\$378,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing & Rehabilitation of Amberly Blvd, Greenhill Ave, Quigley Rd and Ridge Rd	Road resurfacing and reconstruction involves stripping existing asphalt to the existing granular base, planing asphalt 40 mm thick and 600 mm wide, excavating, supplying and placing Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement, removing the median island and rehabilitating part of the road.	\$7,266,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Reconstruction and Resurfacing of Various Roads including Greenhill Ave, Rymal Rd & Melvin Ave	Reconstruction and resurfacing of various local roads (Greenhill - Mount Albion to Summercrest, Rymal - Dartnall to Fletcher, Hwy 8 Culvert (Dundas Hill), Brunswick / Talbot / Osbourne / Waverly / Melvin, Rymal - Upper Paradise to Garth etc.). Removing existing asphalt and granular base (120 mm deep) and plane asphalt 25 mm thick and 600 mm wide. Supply and place surface course asphalt, superpave 9.5 (Traffic Category C), PG 64-28 asphalt cement, 40 mm thick.	\$19,601,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 275 on York Blvd North of Valley Inn Rd	Rehabilitation of Bridge 275 on York Blvd north of Valley Inn involves the installation of heavy duty siltation control fencing, removal of the railing system and concrete posts, scarification of 40 mm of the existing concrete bridge deck, removal of delaminated/spalled concrete from the concrete deck, reconstruction of the retaining wall, railing, curbs and all restoration and replacement of the existing wooden railing with a decorative railing.	\$10,000,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hamilton, City of	Reconstruction and Resurfacing of Various Roads	Reconstruction and resurfacing of various local roads, involving road and sidewalk reconstruction and associated works, stripping existing asphalt to the existing granular base, planing asphalt 40 mm thick and 600 mm wide, excavating, supplying and placing Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement, removing the median island and rehabilitating part of the road.	\$40,450,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Various Roads including Garth St, King St and Hwy 8	Road resurfacing and rehabilitation of various local roads (Garth - Stone Church to Rymal, King - Battlefield to Applewood / Mountain / Rosedale - Council, Highway 8 - Gray to Fruitland). This project will include the placement of sidewalks and curbs and is to be coordinated with watermain replacement and storm sewer installation.	\$30,500,000	\$0	Complete
Local Roads and Bridges	Hamilton, Township of	Resurfacing Rice Lake Drive	Resurfacing of Rice Lake Drive from County Road 9 to Donaldson Road West. Work involved pulverizing the road, base stabilization and resurfacing. The project resulted in improved road surface and improved drainage.	\$347,898	\$347,188	Complete
Local Roads and Bridges	Hamilton, Township of	Resurfacing Olivers Lane	Pulverizing and resurfacing Oliver's Lane from Division Street North to 140 m north of Lenore Avenue. The project resulted in improved drainage from the roadway and discharging it into an approved ditch. In the past, the township had received inquiries about the road being submerged under water, which could result in a hazard and risk to the public. The new roadway will be much smoother which will result in less wear and tear on vehicles and roadway, and improved pedestrian traffic.	\$310,465	\$109,174	Complete
Local Roads and Bridges	Hanover, Town of	8th St & 14th Ave Road & Infrastructure Reconstruction	470 m of road is being reconstructed, along with 460 m of watermain replacement, 410 m of sewer replacement and 450 m of storm sewer replacement. 375 m of sidewalk is also being included in this reconstruction.	\$1,536,435	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hanover, Town of	Surfacing 14th Avenue and Adjacent Streets	450 m of linear road are being upgraded. There is currently extensive wheel rutting on 14th Ave which requires excavation to replace the granular base prior to repaving. The adjacent 2nd St. "A" crescent area has extensive cracking and requires removal of asphalt and regrading prior to paving.	\$341,879	\$341,879	Complete
Local Roads and Bridges	Harley, Township of	Resurfacing of Hillside & North Quarry Road	The Township is resurfacing roughly 2 miles of North Quarry Road and 1 mile of Hillside Road with gravel.	\$36,982	\$36,982	Complete
Local Roads and Bridges	Harris, Township of	Resurfacing Dawson Point Road	Rehabilitation of Dawson Point Road (approximately 3.8 km) is required to improve the level of service in the area for the movement of traffic. This project (beginning in 2019 with 884 m of Dawson Point Road) will pulverize and place 2" of granular A and then 50 mm of Superpave, tie in the driveways and raise the shoulders. The remaining 3 km of Dawson Point Road will be done over the next 5 years.	\$400,000	\$0	Ongoing
Local Roads and Bridges	Hastings Highlands, Municipality of	Resurfacing North Baptiste Lake Road	The Municipality applied asphalt hot mix (HCB 50 mm) to North Baptiste Lake Road from the North Baptiste Waste Disposal Site to Grant Road (2.9 km). This section of road provides access to one of the Municipality's nine Waste Disposal Sites (WDSs). Services provided by the WDS are available to all residents of the Municipality. Rehabilitation of the road therefore benefits all residents of the Municipality.	\$325,000	\$282,061	Complete
Local Roads and Bridges	Havelock-Belmont-Methuen, Township of	Drainage Improvements on Sawmill Bay Road	The primary objective was to raise Sawmill Road and the associated ditch to a predetermined level, thereby limiting the constant water pooling. The raising of the road and ditch was a success; water is now being channeled away from the road into the designated culvert.	\$140,000	\$137,080	Ongoing
Local Roads and Bridges	Hawkesbury, Town of	Resurfacing part Ghislain St, Spence Ave, Edmond St, and Adrien St	The Town paved parts of Ghislain St (895 m), Adrien St (80 m), Spence Ave (498 m), and Edmond St (404 m). We did full depth grinding and paved 75 mm of asphalt on all streets.	\$712,083	\$697,083	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Hawkesbury, Town of	Traffic Signals Evaluation & Replacement	The traffic light study evaluates the existing traffic signals and turning movements/traffic lanes at eight intersections within the Town. Since the opening of the Highway 50 in Quebec, traffic patterns have changed significantly. For this reason and also because the Town's existing signals are dated and at the end of their useful life, it is our intention to replace all seven traffic lights gradually within the next 5 to 10 years.	\$845,000	\$0	Ongoing
Local Roads and Bridges	Hearst, Town of	Expansion Joint Replacement on Mattawishkwia Bridge	The north expansion joint failed. Both the the north and south expansion joints were therefore replaced.	\$19,188	\$19,179	Complete
Local Roads and Bridges	Hearst, Town of	Rehabilitation of Gaspésie Rd and Marchildon Rd	Gaspésie Rd and Marchildon Rd are important truck routes bypassing the downtown core of the Town of Hearst. The pavement condition of several locations along both roads were in very poor condition (approximately 4 lane-km in total). The asphalt was removed, new granular was added, and 130 mm of MTO-spec asphalt was reapplied.	\$358,498	\$358,498	Complete
Local Roads and Bridges	Hilliard, Township of	Replacement of 13 Culverts	The Township replaced 13 culverts located across the community to allow for proper drainage and to prevent roads from flooding.	\$7,734	\$7,734	Complete
Local Roads and Bridges	Hilliard, Township of	Resurfacing All Roads in the Township	Applied a dust layer to all roads in the township (61 lane-km) to reduce dust and improve the adhesion of all gravel application.	\$9,119	\$9,119	Complete
Local Roads and Bridges	Horton, Township of	Whitton Road Rehabilitation and Pavement Extension	As identified in the Township's Asset Management Plan, Whitton Road exceeded its reasonable lifespan and was in need of resurfacing and extension along 600 m of roadway. The rehabilitation was essential to the revitalization of our community and enhanced accessibility for residents.	\$308,000	\$179,582	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Howick, Township of	Paving Roads in Wroxeter and Gorrie	The Township paved 350 m of Centre St (from Mill St to Main St), 430 m of Queen St (from Centre St westerly), and 230 m of Mill St (from Centre St to Church St) in Wroxeter. The intersection of Main St and Marietta St in Wroxeter and Albert St and John St in Gorrie were also paved. These sections of road had deficient surfaces and a large amount of potholes - creating safety concerns and causing further damage to the roadway. Work ensures the continued safety of vehicles and pedestrians.	\$178,264	\$0	Complete
Local Roads and Bridges	Howick, Township of	Rehabilitation of the Wroxeter Bridge	This bridge is a 33 on the bridge condition index - which is low. The Township is therefore rehabilitating the bridge before weight restrictions need to put on. The rehabilitation will fix any deficiencies on the bridge surface, curb, sidewalk, and parapet walls. Once the construction work is completed, the bridge will be waterproofed and paved to ensure the longevity of the structure, a safe riding course for motorists, and a safe path for pedestrians using the sidewalk.	\$486,092	\$0	Complete
Local Roads and Bridges	Hudson, Township of	Resurfacing Twin Lakes Road C & C2	The Township of Hudson applied single surface treatment to Twin Lakes Road C for 4,000 linear meters and Twin Lakes Road C2 for 5,500 linear meters. The main objective was to extend the useful life of the original surface treatment and provide residents with a well maintained and safe road.	\$160,824	\$156,619	Complete
Local Roads and Bridges	Huntsville, Town of	Resurfacing Stephenson Road 2 East	The Town is resurfacing 2.6 km of Stephenson Road 2 East to meet the road classification standard. The process involves pulverizing the existing surface, blending it with the existing base, applying and compacting 3" of granular material, and capping off the road's hard surface with a double layer of surface treatment. Work also involves replacement of roadside culverts to help provide sufficient and positive drainage and extend the longevity of the road.	\$327,046	\$221,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Huntsville, Town of	Resurfacing Skyhills Road	The Town is resurfacing 3 km of Skyhills Road to meet the road classification standard. The process involves pulverizing the existing surface, blending it with the existing base, applying and compacting 3" of granular material, and capping off the road's hard surface with a double layer of surface treatment.	\$255,000	\$201,643	Complete
Local Roads and Bridges	Huntsville, Town of	Main Street Streetscape Improvements	Revitalization of the streetscape on and around Main Street as part of the District of Muskoka's plan to renew the underground services on Main Street. Work involves road work on King Street, streetlighting improvements, sidewalk renewal, and other streetscaping elements. This will give the downtown a brand new and inviting look for the public, as Huntsville is a major tourist attraction.	\$3,692,908	\$606,952	Complete
Local Roads and Bridges	Huntsville, Town of	Resurfacing Rowanwood Road	The Town is resurfacing 2.1 km of Rowanwood Rd to meet the road classification standard. The process involves pulverizing the existing surface, blending it with the existing base, applying and compacting 3" of granular material, and capping off the road's hard surface with a double layer of surface treatment.	\$178,500	\$171,639	Complete
Local Roads and Bridges	Huron East, Municipality of	Replacement of Super Structure at Kinburn Line and Front Road	The replacement of the super structure at Kinburn Line and Front Road. The project involves the removal of T13, an aging steel truss bridge constructed circa 1930. The current structure is in need of rehabilitation to maintain the load rating. The bridge barely meets the criteria for a two lane bridge at 6.1m road width. Wide agriculture equipment and trucks, must detour around this. The Municipality's Bridge Report recommends replacement.	\$1,988,310	\$427,926	Complete
Local Roads and Bridges	Huron Shores, Municipality of	Basswood Lake Road Resurfacing	This section of Basswood Lake Road exceeded its expected life span and required double surface treatment along 1.9 km of roadway to improve accessibility for residents. This roadway is the primary access to two signification bodies of water utilized by both seasonal and year round residents. This is also the only access to the Sowerby Round barn and Ward 2 recreation Hall which utilize by residents and non-residents alike.	\$44,373	\$40,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Huron Shores, Municipality of	Dean Lake Road Resurfacing	This section of Dean Lake Road exceeded its expected lifespan and required double surface treatment along 0.8 km of roadway to improve accessibility for residents to their homes and the Ward 4 landfill. This is the only access road to the Ward 4 landfill and its rehabilitation was essential for all residents of the Ward.	\$33,863	\$29,000	Complete
Local Roads and Bridges	Huron, County of	Reconstruction of County Road 4 (Albert St) Through Downtown Clinton	Work involves the reconstruction of 1.1 km of County Road 4 (Albert Street) through Clinton including road, storm reconstruction, replacement of existing water mains, and a small portion of Princess and Park Lane Streets and the Cenotaph area for Central Huron. The 800 m section of County Road 4 will involve top lift pavement only. □ This project is critical for the downtown revitalization of Clinton and to renew end of life infrastructure in accordance with the County's asset management plan.	\$3,307,790	\$1,515,083	Ongoing
Local Roads and Bridges	Huron, County of	County Rd 12 Reconstruction - Phase 2	Coordinated reconstruction between the County of Huron and the Municipality of Huron East to reconstruct the road, including drainage improvements, installation of sewer systems and water system improvements. Work runs from the Egmondville Bridge (82 m south of Front Rd) to Goderich St (Provincial Hwy 8). This project is critical to allow the downtown revitalization of Seaforth and the extension of sanitary services to accommodate growth.	\$4,740,371	\$994,855	Complete
Local Roads and Bridges	Ignace, Township of	Rehabilitation of West Street, Lakeshore Drive, and Pine Street	The asphalt was pulverized and removed along with unsuitable base and subgrade material. Granular A and B was used to rebuild the base to achieve new longitudinal grades and improve crossfall. Catch basins and dry wells were added to improve drainage. Besides the two lanes, swales were paved to reduce runoff infiltration into the base material. 4.93 lane km of roads was rehabilitated in this project.	\$3,873,131	\$0	Complete
Local Roads and Bridges	Ingersoll, Town of	Mill and Pave of Thames Street South - King St to Canterbury St	Thames St South from King St to Canterbury St (273 m) has scored a 56.9 (out of 100) on the pavement evaluation reports. It is therefore being milled and paved.	\$55,588	\$55,588	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Ingersoll, Town of	Mill and Pave of Mutual Street - Charles St East to the CPR Tracks	Mutual St from Charles St E to the CPR tracks (155 m) has scored a 69.5 (out of 100) on the pavement evaluation reports. It is therefore being milled and paved.	\$51,073	\$51,073	Complete
Local Roads and Bridges	Ingersoll, Town of	Mill and Pave of Victoria Street - Thames St to Union St	Victoria St from Thames St to Union St (485 m) has scored a 42.7 (out of 100) on the pavement evaluation reports. It is therefore being milled and paved.	\$78,386	\$78,386	Complete
Local Roads and Bridges	Ingersoll, Town of	Resurfacing Victoria Street	Culverts under Victoria St were replaced in 2018-19. Topcoat asphalt was installed over 190 m of the roadway under this project.	\$34,476	\$34,476	Complete
Local Roads and Bridges	Ingersoll, Town of	Topcoat Asphalt Installation on Caffyn St - Cross St to Cedar St	Caffyn St was reconstructed in 2018. Topcoat asphalt was installed over 100 m of roadway under this project.	\$24,652	\$24,652	Complete
Local Roads and Bridges	Ingersoll, Town of	Topcoat Paving on Charles St West - Thames St to Wonham St	Charles St W was reconstructed in 2019. Topcoat asphalt was installed over 520 m of roadway under this project.	\$114,504	\$114,504	Complete
Local Roads and Bridges	Innisfil, Town of	Traffic Calming Measure Improvements	Address traffic calming and traffic safety needs on a town-wide basis and implementation of works recommended by the School Zone/Traffic Safety Advisory Committee. The Town's consultant is to review the road network, determine location and implement up to 3 pilot projects spread town-wide. The pilot projects will incorporate innovative methods of traffic calming.	\$500,000	\$21,640	Ongoing
Local Roads and Bridges	Innisfil, Town of	Road Rehabilitation - Multiple Streets	Complete design and construction of road paving, including resurfacing of paved roads and asphalt overlay of gravel roads, over 33.8 km of roads from 2019 to 2022. These upgrades provide safe and serviceable road pavement to maximize sustainability. These projects improve the quality of the environment through reducing greenhouse gas emissions, resulting in cleaner air and water.	\$27,266,332	\$1,645,631	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Iroquois Falls, Town of	Remediation of Rese Road's Concrete Box Culvert	The remediation of the concrete box culvert located on Rese Road follows a recommendation from a 2018 OSIM inspection report which identified the structure as being in poor condition and requiring major rehabilitation within five years. The culvert is deemed a bridge and is 3.4 meters wide and 2.5 meters high.	\$543,208	\$300,000	Complete
Local Roads and Bridges	Johnson, Township of	Replacement of Carter Side Rd Culvert	The Carter Side Rd Culvert had deteriorated to the point that the bottom 1/3 of the steel had completely rotted away. This in turn dropped the culvert resulting in a dip in the roadway. It was a major culvert 8' in diameter by 52' long requiring the services of a backhoe to dig out the old culvert and 4 man crew to replace the new one. As this bottom of the old culvert had completely rotted away it was important for the safety of the public using the road that it be replaced as soon as possible.	\$31,348	\$31,348	Complete
Local Roads and Bridges	Johnson, Township of	Prepping and Paving Government Road	Government Rd is a major road within the Township that deteriorates quickly given the volume of traffic that uses it. This project allowed the Township to base and pave 1 km of road. Doing this will alleviate the need to continually gravel the road. As this road is used extensively by many residents in the community it is the Townships hope that it will be made considerably safer by paving it.	\$144,233	\$144,233	Complete
Local Roads and Bridges	Joly, Township of	Resurfacing Forest Lake Road	Forest Lake Road in Joly Township is the main road of the municipality. This project involves applying a lift of Granular M aggregate to the surface of the road for 3.1 km, extending from the Strong Township boundary. This portion of Forest Lake Road was previously pulverized. This granular lift will provide a safe surface for the travelling public and reduce maintenance requirements for the Township.	\$50,809	\$50,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kapuskasing, Town of	Asphalt Resurfacing of Algonquin St and St Patrick St	The project involved pulverizing asphalt, rehabilitating catch basins, manholes and water valves to prevent infiltration, and establishing a swale on both sides of the street for proper drainage. This work improved surface drainage to ensure that water properly drains into storm sewers.	\$226,610	\$226,610	Complete
Local Roads and Bridges	Kawartha Lakes, City of	Lifecycle Management of 4.406 km of Local Roads	The intent of the project is to maintain and preserve road sections. This is achieved through local asphalt paving, local surface treatment, micro-resurfacing and slurry sealing. These methods are utilized to sustain road section segments in a reasonable state until such time as a future capital project is implemented.	\$1,831,000	\$830,000	Ongoing
Local Roads and Bridges	Kawartha Lakes, City of	Reconstruction of Cambridge St, Kent St, and Colborne St for 0.872km	This project addresses urban/rural road reconstruction needs as identified by the Roads Needs Study and refined through the City's Asset Management Program to provide substantial benefits to residents, road users and development. Work involves total reconstruction of Cambridge St (from Russel St to Peel St in the former town of Lindsay), Kent St (from William St to Victoria Ave in the former town of Lindsay), and Colborne St (from Water St to Bond St in the former village of Fenelon Falls).	\$9,493,000	\$4,800,000	Ongoing
Local Roads and Bridges	Kawartha Lakes, City of	Replacement of the Mill Pond Bridge	Replacement and upgrade of the Mill Pond Bridge in Omemee. This project was performed due to lifecycle replacement as per structural assessment and and environmental assessment.	\$1,487,000	\$200,000	Ongoing
Local Roads and Bridges	Kawartha Lakes, City of	St. Mary's Bridge Replacement	The City is replacing a bridge crossing the Pigeon River on St Mary's Road. The structure was selected for replacement based on the legislated structural assessment program, the City's asset management plan, and the development charges study.	\$1,234,197	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kawartha Lakes, City of	Resurfacing 35.47 km of Rural Roadway throughout Kawartha Lakes	The City is resurfacing and upgrading 35.47 km of paved rural roadways. Roads are selected based on the five-year roads capital plan and asset management plan. Where warranted, work also involves paving of gravel roadways with high-float or asphalt or capping high-float roadways with asphalt.	\$3,164,441	\$5,063	Complete
Local Roads and Bridges	Kawartha Lakes, City of	Resurfacing of 4.754 km of City of Kawartha Lakes Road 48	The City is resurfacing and upgrading 4.754 km of Road 48 in accordance with the five-year roads capital plan, haul route needs, and asset management plan.	\$2,077,280	\$0	Complete
Local Roads and Bridges	Kawartha Lakes, City of	Reconstruction of 1.887 km of Road within Lindsay	The City is reconstructing 1.887 km of road in Lindsay. Work involves upgrades to urbanize road right-of-ways and support growth and development. Roads are identified based on the five-year roads capital plan, asset management plan, development charges study, streetscape and facade guidelines, accessibility plan and urbanization needs.	\$7,227,566	\$0	Complete
Local Roads and Bridges	Kawartha Lakes, City of	Urban/Rural Road Reconstruction	This project addresses urban/rural road reconstruction needs as identified by the Roads Needs Study and refined through the City's Asset Management Program to provide substantial benefits to residents, road users and development. Work involves total reconstruction of Russell St (Victoria to Lindsay), Peel St (William to Victoria), Wynchwood St (Elliot St to South End), Glenelg St (Huron to Lindsay), Durham St (Albert to Adelaide), and George St (Lindsay to South End).	\$7,733,496	\$17,170	Complete
Local Roads and Bridges	Kawartha Lakes, City of	Urban/Rural Roads Reconstruction	This project addresses urban/rural road reconstruction needs as identified by the Roads Needs Study and refined through the City's Asset Management Program to provide substantial benefits to residents, road users and development. Work involves total reconstruction of Glenelg St E, Hamilton St, Kawartha Dr, St Paul St, and Denniston St (about 1.44 km), with replacement of the road bed granulars, asphalt & installation of new storm sewers as well as new concrete curbs, gutters & sidewalks.	\$5,841,776	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kearney, Town of	Cashman Creek Bridge Replacement	Replace Cashman Creek Bridge with a pre-cast arch bridge. The existing bridge, located on the municipally-assumed portion of Highway 518, is significantly deteriorated and the project should create safer passage for vehicular and pedestrian traffic.	\$1,291,224	\$56,250	Complete
Local Roads and Bridges	Kenora, City of	Arch Culvert Rehabilitation on Beggs Rd	The 2020 biennial inspection of the Beggs Arch Culvert Bridge was able to be performed during low water conditions and revealed substantial loss of concrete footings that had gone unnoticed in previous inspections during normal water levels. The City therefore rehabilitated the eroded concrete footings, replaced the deck, installed a new railing, installed a new asphalt surface on the deck and on grade approaches, and improved the rip rap embankment.	\$210,510	\$210,510	Complete
Local Roads and Bridges	Kenora, City of	Paving Highway 17 East	The City is paving a 1.46 lane-km section of Highway 17 East. The project involves the removal of the existing asphalt surface and the supplementary gravel base with the renewal of sidewalk terminations to accessible standards. The final phase involves the repaving of the asphalt and line painting. □ This section of road is considered an arterial route through the City, accommodates over 1000 AADT, is the major truck traffic route in the City, and services one of our major commercial districts.	\$461,035	\$461,035	Complete
Local Roads and Bridges	Kenora, City of	Rehabilitation of Lajuennesse Bridge	The project involves the rehabilitation of eroded concrete footings, deck replacement, installation of new railing, installation of a new asphalt surface on the deck and on the grade approaches, and rip rap embankment improvements. □ This bridge is a key link for residents of this area of the City along with those who enjoy the Beauty Bay Golf Course which is in close proximity to the bridge. Keeping this bridge in service avoids an alternate route and detour of 9 km.	\$568,099	\$568,099	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kerns, Township of	Resurfacing of Maybrook Road	The Township of Kerns undertook the resurfacing of gravel on Maybrook Road. The project is 6.5 kilometers in length starting from the intersection of Highway 65 to the intersection of Pipeline Road. The project is for the application of Granular A. This project will increase the overall standard and useful life of the road.	\$36,339	\$36,339	Complete
Local Roads and Bridges	Killaloe, Hagarty & Richards, Township of	Turner Road Single Surface Treatment	This project involves application of single surface treatment on Turner Road for approximately 2.5 km (at a width of 6.1 m). This road was identified through our annual road tour as high risk and in need of immediate rehabilitation for safety and for residents using this road. This road was also identified in our asset management plan for reconstruction.	\$53,429	\$3,237	Complete
Local Roads and Bridges	Killaloe, Hagarty & Richards, Township of	Church Street Replacement	This section of Church Street from #969 to Wilno South Road has exceeded its expected life and is significantly degraded. Reconstruction of this section involves the pulverization and/or removal of asphalt and replacement with hot mix for approximately 2 km of roadway. In addition, work involves the replacement of three culverts with backfilling and compaction with ditching sections for approximately 1.5 km.	\$366,857	\$300,000	Complete
Local Roads and Bridges	Killarney, Municipality of	Resurfacing Killarney Village Streets	Village streets are deteriorating with cracking, potholes, bumps, uneven areas, etc. This creates safety hazards to pedestrians, cyclists, and vehicles. The objective of this project is to restore our roads; they are in desperate need of rehabilitation due to age. Upgrading the roads this year will reduce future costs for the municipality as costs will only increase over time as the roads deteriorate further. All the surfaced roads in the village are being resurfaced (approximately 4 km).	\$928,541	\$0	Ongoing
Local Roads and Bridges	Kincardine, Municipality of	Culvert Replacement and Rehabilitation on Bervie Sideroad	Two culverts - structures 2112 and 2139 - require removal and replacement. They have a BCI of 15 and 0, and a 5 tonne load limit. While the culverts were being replaced, asphalt was also replaced.	\$618,960	\$566,315	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kincardine, Municipality of	Maple St Reconstruction	Full reconstruction of the Maple Street road base, storm sewer improvements including culvert replacement, add new water services to provide one per lot (currently y'd to service two properties), add curb and gutters, sidewalk, two lifts of hot mix asphalt and final restoration. This will improve servicing to minimize future disruption and will improve pedestrian and vehicular safety with the addition of sidewalks and replaced asphalt. The existing road surface is in poor condition.	\$1,699,394	\$0	Ongoing
Local Roads and Bridges	King, Township of	Relining or Replacing Three Culverts	Culverts 319, 325, and 208 are being relined or replaced. The Township relines or replaces bridges and culverts in accordance with Ontario Structure Inspection Manual (OSIM) inspections and recommendations taken every two years.	\$2,182,338	\$224,232	Ongoing
Local Roads and Bridges	King, Township of	Reconstruction and Resurfacing of Local Roads	The Township is reconstructing Nobleton Lakes Dr (RR27 to the end of cul-de-sac), Concession 10 (Queen St to Hwy 9), and Dufferin St (Emma Rd to Juliana Rd), and applying a two-lift mill and overlay of Dufferin St (King St to Emma Rd) and Dufferin Street (Juliana Rd to Graham Sideroad). This project maintains road assets and infrastructure in accordance with minimum maintenance standards and extends the life-cycle of the road network.	\$1,688,800	\$861,812	Ongoing
Local Roads and Bridges	King, Township of	15th Side Road Reconstruction - Hwy 27 to Concession 8	The Township is reconstructing approximately 2 km of Side Road 15 between York Regional Road 27 and Concession 8. Work includes full depth replacement of the granular base and base and surface asphalt. □ The purpose of this work is to improve the overall condition of the road, address sightline deficiencies, and upgrade the drainage system. The final design will meet current standards and increase safety while maintaining environmental integrity and the character of the rural area.	\$4,230,000	\$128,126	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	King, Township of	Pavement Reconstruction - Victoria, Centre, Rebellion	Approximately 1,500 m of road sections in the south-west quadrant of the village of Schomberg are being reconstructed. Works include design for the reconstruction of Queen Street (west of Rebellion Way), Victoria Street (east of Rebellion Way) and Centre Street (east and west of Rebellion Way), base and road surface replacement, as well as shoulder/drainage improvements.	\$3,500,000	\$13,368	Ongoing
Local Roads and Bridges	King, Township of	Replacement of Graham Sideroad Bridge	The replacement of the Graham Sideroad Bridge was identified in the Engineer's report as required works under the Canal Improvement Project. The project is for the relocation of the Holland Marsh Drainage Canal to improve drainage and traffic safety on the roads in the marsh. The Township is responsible for replacement of the bridge within the timeframe of the Canal Improvement Project.	\$3,100,000	\$0	Complete
Local Roads and Bridges	King, Township of	Replacement of Culvert 210 - King Caledon Road	Culvert 210 is located on the Caledon-King Townline, the boundary road between the Township of King and the Town of Caledon. The culvert was identified as 'needs replacement/reconstruction' as per the biennial Ontario Structure Inspection Manual (OSIM) inspection records. Design options include replacement with a steel, concrete box or relining of the existing culvert with an alternate material.	\$2,100,000	\$0	Ongoing
Local Roads and Bridges	Kingston, City of	Construction of Sidewalks and Upgrade of Pedestrian Crossings	Project work includes planning and construction of transportation infrastructure from the City's Active Transportation Master Plan and 5 Year Implementation Plan including pedestrian crossing upgrades (design and construction at four locations) and construction of 1,600 m of sidewalks to infill gaps/barriers in AT connectivity.	\$10,352,832	\$697,405	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kingston, City of	Pavement Rehabilitation in Various Locations	This project involves a multiyear campaign of road rehabilitation. On average, the city is rehabilitating a combined 85 lane-km of local, collector and arterial roadways under this project each year. Strategies include preventative maintenance, surface treatment applications and asphalt surface replacement throughout the city's network during the 2020, 2021 and 2022 construction seasons. This project aligns with Kingston's strategic priorities to improve walkability, roads transportation.	\$24,805,915	\$6,881,125	Ongoing
Local Roads and Bridges	Kingston, City of	Rehabilitation of Collins Creek Bridge	This project includes the design and construction of a major rehabilitation of the Collins Creek bridge on Taylor Kidd Blvd. The rehabilitation is anticipated to include a replacement of the super structure of the bridge deck and parapet walls as well as the road rehabilitation of the approaches to the structure. This project aligns with Kingston's strategic priorities to improve walkability, roads transportation.	\$3,753,813	\$230,223	Ongoing
Local Roads and Bridges	Kingston, City of	Pavement Rehabilitation in Various Locations	Project work involved the pavement rehabilitation by way of asphalt surface replacement of 21.32 lane km of existing local road pavement which included the milling and repaving of the surface asphalt. Work additionally involved 14.5 lane km of rural surface treatment rehabilitation to extend the service life of those roadway sections. This project aligns with Kingston's strategic priorities to improve walkability, roads transportation.	\$6,653,067	\$55,528	Complete
Local Roads and Bridges	Kingston, City of	Construction of Sidewalks and Upgrade of Pedestrian Crossings	Project work included planning, design and construction of transportation infrastructure from the City's Active Transportation Master Plan and 5 Year Implementation Plan including pedestrian crossing upgrades (four locations upgraded) and construction of 1,100 m of sidewalks to infill gaps/barriers in AT connectivity. This project aligns with Kingston's strategic priorities to improve walkability, roads and transportation.	\$3,748,892	\$221,578	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kingston, City of	Construction of Catarauqui Woods Drive from Sydenham Road to Centennial Drive	Construction of Catarauqui Woods Drive from Sydenham Road to Centennial Drive. This project aligns with Kingston's strategic priorities to improve walkability, roads transportation.	\$8,722,488	\$6,847	Ongoing
Local Roads and Bridges	Kingston, City of	Replacement and Reconstruction of Concrete Sidewalks in Multiple Locations	Design/ construction of 1,526 m of new sidewalks. The new sidewalks were identified as high priority due to proximity of schools/parks with high pedestrian use and along roads with high traffic volumes. The work consists of topographical survey, re-grading of the boulevard or granular shoulder, installation of catch basins and/or culverts with road widening, and roadside curb installations. This project aligns with Kingston's strategic priorities to improve walkability, roads and transportation.	\$1,723,789	\$0	Complete
Local Roads and Bridges	Kingsville, Town of	Replacement of the Culvert on Road 11 over Irwin Drain	The existing steel pile culvert was in poor condition and at the end of its useful life. It was therefore replaced with a new concrete culvert expected to last 50 years.	\$510,667	\$180,000	Complete
Local Roads and Bridges	Kingsville, Town of	Resurfacing Graham Sideroad from County Rd 18 (Rd 4) to County Rd 8	Resurfacing Graham Sideroad from County Rd 18 (Rd 4) to County Rd 8 (21.5 lane-km). □ □ The road is currently in poor condition and shoulders have deteriorated. Resurfacing will extend the useful of the road by a minimum of 10 years and improve driver safety.	\$1,515,428	\$1,215,428	Ongoing
Local Roads and Bridges	Kingsville, Town of	Rehabilitation of Rural Roads	Pulverize, tar & chip segments of Cameron Side Road (From Road 11 to County Rd 8), Road 6 W (from Division to McCain), and Road 6 E/North Talbot (From Graham to Inman Side Rd) to extend the useful life of these roads. Approximately 15 lane-km of roads were resurfaced.	\$712,225	\$0	Complete
Local Roads and Bridges	Kingsville, Town of	Replacement of Bridge # 18 - Road 11 over Ruscom River	The bridge on Road 11 over the Ruscom River is being replaced. The bridge is 50 years old and was identified in the Town's Bridge and Culvert study as in poor condition and requiring replacement.	\$1,450,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kirkland Lake, Town of	Nipissing Lane Resurfacing	The Town is applying a layer of granular A to the entire length (approximately 400 m) of this gravel road and resurfacing the platform with Superpave asphalt. This road was once covered with surface treatment. The surface treatment was removed a few years ago as it was in very poor condition. But a gravel road in this area is not ideal due to the dust it can create. Investing in asphalt for this road will therefore benefit the businesses and community.	\$154,056	\$153,810	Ongoing
Local Roads and Bridges	Kirkland Lake, Town of	Installation of Tactile Plates at Intersections Along Government Road	Tactile plates are steel plates installed in the sidewalk at intersections. The unique bubbled surface of the plates notifies those with visual impairments that they are about to leave the sidewalk and step into an intersection. This project consists of installing plates and completing associated concrete work at nine intersections along Government Road to meet AODA requirements.	\$45,221	\$10,902	Ongoing
Local Roads and Bridges	Kitchener, City of	Road Resurfacing, Sealing & Laneway Rehabilitation	Approximately 13.2 lane-km of roads and laneways were rehabilitated. Work involved road rehabilitation with full depth milling and pulverizing with the removal of existing asphalt, addition of granular A road base as necessary, re-grading of the existing road, re-paving 60-100 mm of HL4 binder asphalt and 40 mm of HL3 surface asphalt, and the correction of drainage issues. This work helps to connect residents and local businesses, while making commutes faster and safer.	\$3,095,232	\$1,719,232	Complete
Local Roads and Bridges	Kitchener, City of	Bridge Rehabilitation - 2021-2022	This project involves identification and removal of delaminated concrete, as well as reforming and placement/pouring of new concrete or proprietary products to restore the structure's ability to accommodate full loading and to halt the progression of delamination between the reinforcing steel and concrete. Work also involves the rehabilitation of spalled concrete to restore the concrete cover on exposed steel reinforcement.	\$483,587	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kitchener, City of	Construction of Separated Cycling Facilities Downtown	Approximately 3.4 km of separated cycling facilities are being constructed on Joseph Street, Water Street, Queen Street, Cedar Street, Duke Street, Otto Street and Margaret Avenue. This project will transform how people move around by making it safe, comfortable, and convenient for people of all ages and abilities to bike in the downtown core.	\$3,671,640	\$1,170,000	Ongoing
Local Roads and Bridges	Kitchener, City of	Rehabilitation and Replacement of Sidewalk	We replaced 3,677.2 sq m of sidewalk and rehabilitated 8,169.76 sq m of the sidewalk by mudjacking it in 2021. This project helps to connect residents and local businesses, while making commutes faster and safer, more accessible and neighbouring communities feel a little closer.	\$1,754,187	\$164,411	Complete
Local Roads and Bridges	Kitchener, City of	Sidewalk Rehabilitation on Bridge St - Bloomingdale Rd to the City of Waterloo City Limit	This project is for the rehabilitation and replacement of 750 meters of sidewalks on Bridge St between Bloomingdale Rd and the City of Waterloo city limit. This project helps to connect residents and local businesses, while making commutes faster and safer, more accessible and neighbouring communities feel a little closer.	\$186,218	\$0	Ongoing
Local Roads and Bridges	Kitchener, City of	Sidewalk Rehabilitation on Ontario St - King St to Charles St	The sidewalk on Ontario Street between King St and Charles St is being rehabilitated and replaced. This project helps to connect residents and local businesses, while making commutes faster and safer, and neighbouring communities feel a little closer.	\$118,215	\$0	Ongoing
Local Roads and Bridges	Kitchener, City of	New Sidewalk Infill 2021-2022	This project is for the infill of sidewalk in accordance with priority needs.	\$258,230	\$55,002	Ongoing
Local Roads and Bridges	Kitchener, City of	Sidewalk Rehabilitation on Westmount Road	The 1,200 m sidewalk on Westmount Road between Victoria St and Glasgow St has been rehabilitated. This sidewalk will provide opportunities to safely walk through town.	\$30,440	\$0	Ongoing
Local Roads and Bridges	Kitchener, City of	Construction of the Shoemaker Creek Multi-Use Trail	The City is constructing a new 0.75 km multi-use trail linking neighbourhoods and supporting year-round active transportation.	\$740,078	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kitchener, City of	Expansion of Alpine Park Trail	Alpine Park trail is being extended by adding 430 m through the woodlot. Expansion of this multi use trail helps link neighbourhoods and supports year-round active transportation.	\$150,000	\$0	Ongoing
Local Roads and Bridges	Kitchener, City of	Construction of a Trail Linking Stirling Ave to Madison Ave	A new multi-use trail is being constructed between Stirling Ave and Madison Ave to link neighbourhoods and support year round active transportation.	\$155,000	\$0	Ongoing
Local Roads and Bridges	Kitchener, City of	Replacement of a Pedestrian Bridge North of Rothsay Ave and Matthew St	A new pedestrian bridge was installed on a key multi-use trail connection between Rothsay Avenue and a major new Regional boulevard multi-use trail on Victoria Street North, linking the north eastern corner of the City to the wider multi use trail network across the City. The previous bridge had reached the end of its life and had been closed, effectively breaking this important link.	\$212,165	\$107,546	Complete
Local Roads and Bridges	Kitchener, City of	Doon Village Road Bridges Rehabilitation	City bridges are inspected on a two-year cycle. In late 2018, the Doon Village Road bridges were inspected and were found to have some structural deficiencies. If unaddressed, the bridges will have to be closed to vehicular traffic. This project involves the full scale replacement of the two existing bridges with precast bridges. Refurbishment is not a viable option based on the state of the existing bridges.	\$829,969	\$55,401	Ongoing
Local Roads and Bridges	Kitchener, City of	Stoke Drive Bridge Rehabilitation	The 2016 bridge inspection program has identified Stoke Drive Bridge as one of the structures that requires increased rehabilitation work to maintain the service level of the structure. The rehabilitation involves replacing or rehabilitating galvanized culvert barrels, concrete patching, replacing rotted/rotated timber rail posts, rehabilitating gabion baskets and railing with galvanizing, and routing and sealing wearing surface cracks.	\$394,687	\$1,105	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Kitchener, City of	Country Hill Bridge Rehabilitation	The 2016 bridge inspection program has identified Country Hill Bridge as one of the structures that requires increased rehabilitation work to maintain the service level of the structure. The rehabilitation involves replacing or rehabilitating galvanized culvert barrels, concrete patching, replacing rotted/rotated timber rail posts, rehabilitating gabion baskets and railing with galvanizing, and routing and sealing wearing surface cracks.	\$168,000	\$0	Ongoing
Local Roads and Bridges	Kitchener, City of	Queen Street - Charles to Duke Placemaking	The section of Queen St between Charles St and Duke St requires a full surface reconstruction, as the sidewalk and pavement have experienced considerable degradation since installation. In addition to the roadwork, Vogelsang Green, Goudies Land and the entrances to Halls Lane and under-utilized land at Queen/Charles are proposed to be included in placemaking for people of all walks of life. This is a pilot for a new approach to streetscape related asset management.	\$4,029,330	\$200,000	Complete
Local Roads and Bridges	Kitchener, City of	Rehabilitation of Stirling Ave Bridge	The work on Stirling Ave Bridge (ID# 812, near Courtland Avenue) includes the rehabilitation of structural concrete and additional work to seal cracks and joints, grout and seal cracks in the asphalt, and renew the chain link fence, railing, and parapet.	\$418,000	\$0	Ongoing
Local Roads and Bridges	La Vallee, Township of	Restoration of Roads and Bridges	Work involves resurfacing 15 lane-km of various roads in the municipality with granular "A" material and calcium. It also involves resurfacing five bridge decks. This project increases the useful life of each asset and ensures that all roads and bridges are maintained and safe to travel on.	\$204,322	\$154,322	Complete
Local Roads and Bridges	Laird, Township of	Surface Treatment of Lakeview Rd S and Rydall Mill Rd	We applied 23,800 sq m of new double surface treatment to Lakeview Rd S. and Rydall Mill Rd. Both roads were in need of a new surface treatment to allow for safer travel for local residents and businesses and to improve drainage along these routes.	\$187,360	\$130,255	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Lake of Bays, Township of	Resurfacing Dwight Beach Road - Highway 60 to Lake of Bays Lane	Dwight Beach Road leads to the municipal office, the only school, the public works office, and the beach - one of our main summer attractions. The poor condition of the road was bad for tourism and hard on school buses. Sunken wheel ruts also made it hard to maintain the road in the winter, opening the Municipality up to the possibility of potential liability. □ Resurfacing improved tourism, made the road safer for school children, and also reduced potential liability to the Municipality.	\$216,916	\$100,000	Complete
Local Roads and Bridges	Lakeshore, Municipality of	Mill Street Reconstruction	The project consists of a full depth reconstruction of the entirety of Mill Street. The road was identified through the Town's roads needs assessments as being in very poor condition. In addition to the poor road surface quality, a cast iron watermain beneath the road has a history of breaks and is also being replaced.	\$1,300,000	\$958,983	Complete
Local Roads and Bridges	Lakeshore, Municipality of	Notre Dame Road Reconstruction - 11th to Duck Creek	Full road and underground infrastructure replacement on Notre Dame St from 11th St to Duck Creek. This was recently identified as the Town's highest priority road project through our 2018 Roads Needs Study due to its extremely low assessed condition, its status as one of the Town's major arterial roads and its high traffic counts. Due to the waterways that run along the Town of Belle River, there are only a few entry points from the east; this serves as the primary entry point and main street.	\$4,801,000	\$81,776	Ongoing
Local Roads and Bridges	Lambton Shores, Municipality of	Reconstruction of Broadway St	Road reconstruction as well as watermain, storm water, and wastewater infrastructure improvements on Broadway St. This project involves replacing and resurfacing existing assets. The total length of the road reconstruction is 1,050 m. In the roads need study this road was indicated as 6-10 year replacement but vehicle traffic was increased due to a construction project and this included large vehicles that normally would not use this road.	\$2,553,889	\$586,114	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Lambton, County of	Rehabilitation of County Road 31 - Kimball Road	The County is rehabilitating approximately 11 km of County Road 31 (from Kent Line to Burman Line). The current roadway is beyond its useful life and in need of renewal.	\$3,100,000	\$1,254,766	Ongoing
Local Roads and Bridges	Lambton, County of	County Road 21/30 - Road Rehabilitation	The County is rehabilitating approximately 7 km of County Road 21/30 (Oil Heritage Road) using full depth reclamation with expanded asphalt mix. This section of the road is beyond its useful life. Following the recycled mat, hot mix asphalt and granular shouldering is being completed. The road is additionally being widened to accommodate partially paved shoulders. Work also involves drainage improvements such as sub-drain installation and culvert replacements.	\$3,200,000	\$1,347,572	Ongoing
Local Roads and Bridges	Lambton, County of	County Road 9 - Road Rehabilitation	The County is rehabilitating approximately 18.5 km of County Road 9 (Nauvoo/Northville Road) using full depth reclamation. This section of the road is beyond its useful life and in need of renewal. Some sections are part of the trail network and are therefore being widened to accommodate partially paved shoulders; other sections are not. Work involves drainage improvements such as sub-drain installation and culvert replacements/linings.	\$4,388,378	\$1,858,852	Complete
Local Roads and Bridges	Lanark Highlands, Township of	Resurfacing of Upper Perth Road	The Township is resurfacing approximately 4 km of Upper Perth Rd. Work involves reclaiming the existing surface and underlying granular, resurfacing the road, and installing 15 m of 400 mm corrugated steel pipe culvert. □ This section of road was found to be in poor condition during our latest assessment. Work will ensure the continued safety of travelers and provide a vital link to surrounding communities.	\$353,164	\$105,036	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Lanark, County of	Rehabilitation of County Road #18 & #43	Rehabilitation of CR#18 for 5.6 km and CR#43 for 6 km. Lanark County aims to provide the best roads possible at the lowest total long-term cost. These sections of road were scheduled for resurfacing in our Asset Management Plan; following the plan ensures that roads are maintained at a condition that is acceptable to residents while at the same maintaining taxpayer affordability.	\$2,589,441	\$2,054,129	Complete
Local Roads and Bridges	Latchford, Town of	Rehabilitation Of Various Roads with Slurry Seal	Some of our paved roads are cracking and need to be rehabilitated to prevent water from entering the granular base below. A slurry seal is being applied to cover these cracks and to seal over the crack sealing areas, extending the life of our investment by 10 to 15 years. The slurry seal is being applied to 2 km of roads within our community.	\$26,829	\$26,829	Ongoing
Local Roads and Bridges	Laurentian Hills, Town of	Rehabilitation of Gutzman Road	A single surface treatment was applied to approximately 2.8 lane-km of Gutzman Road.	\$37,662	\$37,662	Complete
Local Roads and Bridges	Laurentian Hills, Town of	Rehabilitation of Hunts Road	Approximately 1 lane-km of Hunts Rd was rehabilitated. Work involved pulverizing the road, adding gravel, ditching, improving culverts, and applying a double surface treatment.	\$28,821	\$28,821	Complete
Local Roads and Bridges	Laurentian Hills, Town of	Widening and Rehabilitation of Moore Lake and Old Moore Lake Road	The two roads were widened where required, and a single surface treatment was applied. Approximately 2 lane-km of road were rehabilitated.	\$32,586	\$27,425	Complete
Local Roads and Bridges	Laurentian Valley, Township of	Reconstruction of Forest Park Rd	Forest Park Rd was reconstructed from the extension of Hazley Bay Drive easterly to Bayview Drive for a total project length of 1.4km. This project was a full depth excavation with the addition of geosynthetic and granular materials along with replacement of culverts. There was flood proofing near the Moffat Canal Bridge (county owned). A single lift of hot mix asphalt and shoulders were finished with a blended recycled asphalt product to improve compaction and provide stable walking surface.	\$327,176	\$268,585	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Laurentian Valley, Township of	Reconstruction of Southwind Drive	Southwind Drive is a residential street, 0.36km long. It was prone to extensive heaving annually. The project saw a full depth excavation. Geosynthetic materials were used to separate the new road base aggregate from the natural clay. Culverts were replaced and drainage works completed to improve the longevity of the road. A single life of hot mix asphalt and shoulders were completed with a blended recycled asphalt to improve compaction and provide stable walking surface for residents.	\$90,543	\$81,445	Complete
Local Roads and Bridges	Leamington, Municipality of	Rehabilitation of Deer Run Bridge 44	With the fluctuating water levels in Lake Erie, the side slope of the banks near the bridge's wing walls have started to fail. To protect the bridge structure, slope protection is being installed to address the bank failure. Guiderails are also being rehabilitated to improve roadside safety.	\$290,399	\$140,399	Complete
Local Roads and Bridges	Leamington, Municipality of	Traffic Signal Installation - Sherk and Ellison	The intersection of Sherk and Ellison has high volumes of traffic during peak hours. The Municipality is therefore installing new traffic signals at this intersection.	\$500,000	\$37,392	Ongoing
Local Roads and Bridges	Leamington, Municipality of	Seacliff Drive - Cherry Lane to Regatta Road Reconstruction	The purpose of this project is to reconstruct the road to allow for future traffic growth. □ The project will be completed in phases. The first phase will be the installation of a traffic signal and required road works at the intersection of Cherry lane and Seacliff Drive. The second phase will be to complete the widening of Seacliff Drive to Regatta, complete with active transportation paths and sidewalks.	\$3,254,500	\$500,000	Ongoing
Local Roads and Bridges	Leamington, Municipality of	Engineering and Construction of Bridge #21 (on Mersea Rd 7)	The engineering and reconstruction of Bridge #21 on Mersea Rd 7. The replacement of this bridge is identified as a high priority in the Municipality's 2019 Bridge Condition Survey.	\$545,000	\$493,644	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Leamington, Municipality of	Sewer Separation and Road Reconstruction on Henry, Lorne, Gladstone, William, and Melrose	The complete reconstruction of five streets lying east of the Leamington Kinsmen Recreation Complex (Henry, Lorne, Gladstone, William, and Melrose). Work involves the installation of new storm and sanitary sewers, watermains, roads, sidewalks and streetlighting.	\$4,421,000	\$294,554	Complete
Local Roads and Bridges	Leamington, Municipality of	Resurfacing Erie Street South	The resurfacing of 1.3 km of Erie Street South by milling and repaving. This section of Erie Street is the one of the busiest road segments in the entire Municipality.	\$1,500,000	\$0	Complete
Local Roads and Bridges	Leamington, Municipality of	Construction of a County Wide Active Transportation System	The County Wide Active Transportation System was a County wide initiative designed to connect the seven lower tier municipalities throughout the County of Essex. The installation of active transportation routes will provide a safe active transportation system for users of all ages and abilities to actively move around the County of Essex. The facilities being constructed will total 3.2 km of trails, multi-use paths, bike lanes/cycle tracks, etc.	\$223,000	\$137,808	Ongoing
Local Roads and Bridges	Leamington, Municipality of	Streetscape, Engineering, Design and Construction on Erie St from Clark to Marlborough	In October 2018, Council approved the Leamington Uptown Master Plan as the basis for future infrastructure improvements and beautification in Uptown Leamington. Work will begin with a design assignment in preparation for future reconstruction and streetscaping complete with new sidewalks, curbs, street lighting, bike lanes and other appurtenances. The project will reconstruct the two main corridors through our uptown core (1.1 km).	\$3,050,000	\$140,558	Ongoing
Local Roads and Bridges	Leamington, Municipality of	Implementation of Pedestrian Crossings	This project involves installing new pedestrian crossovers, new signage or rapid rectangular flashing beacons at our existing pedestrian crossings. A study to determine the need for pedestrian crossovers at various locations throughout the Municipality. The implementation of Active Transportation Facilities in accordance with the Municipality's Active Transportation Plan.	\$1,855,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Leeds & Grenville, United Counties of	Rehabilitation of Rd 1 - Rd 8 to Kitley Line 3	The section of Road 1 extending from Road 8 to Kitley Line 3 is traveled by roughly 1,000 vehicles each day, but is narrow, in poor to fair condition, and has poor drainage. We are therefore rehabilitating and improving drainage along this section of the road. Work involves replacing all entrance culverts and cross culverts, installing new cross culverts where determined by our drainage study, regrading and resurfacing the road, cleaning and constructing ditches, and installing new guiderail.	\$2,363,070	\$2,214,320	Complete
Local Roads and Bridges	Leeds & Grenville, United Counties of	Rehabilitation of Newboro Bridge	Newboro Bridge is a rigid frame structure with a concrete slab on four (4) steel plate girders with a paved wearing surface. Built in 1952, the deck accommodates a single lane of traffic in each direction. Work involves the major rehabilitation of the entire bridge.	\$2,245,972	\$778,013	Complete
Local Roads and Bridges	Leeds and the Thousand Islands, Township of	Junetown Road Rehabilitation	Junetown Road was rehabilitated between County Road 4 and Escott-Yonge Townline Road. Work included brushing and tree removal, ditching and culvert replacement, granular base upgrades, and a new tar and chip road surface. This project was identified in our Asset Management Plan with a Pavement Condition Rating of 29 out of 100. With the work complete, the rating is now 100. This road serves an important access between our township and Front Of Yonge with an Average Daily Traffic (AADT) of 298.	\$305,451	\$275,000	Complete
Local Roads and Bridges	Lennox & Addington, County of	Hot Mix Rehabilitation on CR6	Work is proceeding in two phases: the first from Millhaven Rd to the railway north of Taylor Kidd Blvd, and the second from County Road 1 East to Wilson Rd. Both sections of County Road 6 exceeded their expected lifespan and are in need of rehabilitation to ensure the continued safety of residents, tourists, and businesses using the roadway. When rehabilitating the road we are including paved shoulders, drainage improvements, and upgraded roadside safety devices.	\$3,884,213	\$2,667,798	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Lincoln, Town of	Rehabilitation of #05 Bridge on Glass Ave	The Town's 2018 bridge inspection identified that bridge #5 on Glass Avenue is in poor condition and requires replacement. The bridge is therefore being rehabilitated to keep the bridge in good working condition.	\$825,000	\$3,956	Ongoing
Local Roads and Bridges	Lincoln, Town of	Resurfacing Local Roads	The Town rehabilitated 17.5 km of road. Rehabilitated sections of road were found to be in a condition where they were failing, or expected to fail in the near future. Our target is to keep the good roads in good condition, while also addressing roads that need immediate attention.	\$1,703,304	\$250,000	Complete
Local Roads and Bridges	London, City of	Implementation of Active Transportation Amenities	Infrastructure assets include centralized bike lockup/parking stations, decentralized (neighbourhood) bike parking, comprehensive wayfinding (signage) program, cycling destination upgrades and amenities (e.g. benches, shelters), bike signals in high traffic areas and a community bike share program. These initiatives will meet the needs of thousands of Londoners and employees and form a key of the Climate Emergency Action Plan including helping to achieve net-zero by 2050.	\$900,000	\$8,374	Ongoing
Local Roads and Bridges	London, City of	Replacement of Victoria Bridge	Victoria Bridge spans the south branch of the Thames River on Ridout Street, and is approximately 100 m south of Horton Street. The bridge supports two lanes of traffic with two cantilevered sidewalks located outside of the main truss. At 93 years of age with some substructure elements at 144 years of age, this bridge is at the end of its service life. As a result, the bridge will be replaced with roadway and cycling improvements along with upgraded lighting and park improvements.	\$14,653,721	\$991,793	Ongoing
Local Roads and Bridges	London, City of	Thames Valley Parkway Construction	Enhancement of the north and south branches of the Thames Valley Parkway, along with the coordination of lifecycle renewal at multiple locations and ecological monitoring throughout London's recreational pathway network. This project supports active transportation and is consistent with London's Cycling Master Plan and London's Parks & Recreation Master Plan. Approximately 7 km of pathway are scheduled for renewal under this project.	\$1,750,000	\$218,736	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	London, City of	Rehabilitation of Multiple Streets	This project involves the rehabilitation and resurfacing of main roads, along with improvements to boulevards for safe pedestrian travel and complete street improvements. Road infrastructure ranges from milling and paving, to complete restoration. Timely proactive road rehabilitation will eliminate premature major road reconstruction. Approximately 55 lane-km of road are being replaced/rehabilitated under this project.	\$12,239,987	\$2,535,898	Ongoing
Local Roads and Bridges	London, City of	Rehabilitation of Multiple Streets	This project involves the rehabilitation and resurfacing of main roads, along with improvements to boulevards for safe pedestrian travel and complete street improvements. Road infrastructure ranges from milling and paving, to complete restoration. Timely proactive road rehabilitation will eliminate premature major road reconstruction. Approximately 55 lane km of road will be replaced/rehabilitated under this project.	\$14,783,300	\$1,331,749	Ongoing
Local Roads and Bridges	London, City of	Implementation of a Bike Share Program	This project is for the establishment of a system of "for rent"/"on-call" fixed bike share stations located at key destinations to provide residents and visitors with an opportunity to ride a bike to work, for fun, or for fitness. Phase one serves approximately 40,000 residents and 35,000 employees in neighborhoods in or near downtown.	\$1,122,500	\$0	Ongoing
Local Roads and Bridges	London, City of	Rehabilitation of Wenige Expressway Bridge and Highbury Ave South	Wenige Expressway Bridge spans the south branch of the Thames River and is located on Highbury Ave, approximately 550 m south of Hamilton Road. This bridge is due for a major rehabilitation as it is roughly 53 years of age with heavy traffic loading. Phase 1 of this project includes reconstruction of the roadway, lighting improvements and median barrier for the Wenige Expressway Bridge. This work will be over two construction seasons.	\$6,055,632	\$1,873,663	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	London, City of	Thames Valley Parkway-North Branch Connection	This project completes the Thames Valley Connection between Richmond Street North and Adelaide Street North. The project includes two new pathway bridges at Ross Park and west of the North London Athletic Fields, with the pathway north of the river connecting the bridges. This project adds approximately 1.5 km to the total length of the Thames Valley Pathway.	\$1,122,539	\$182,768	Ongoing
Local Roads and Bridges	Loyalist, Township of	Infrastructure Upgrades on Chesterfield Dr, Tareyton Rd, and Bakers Ln	Work involves the relocation of approximately 1,100 m of watermain (and replacement of associated valves, services and hydrants), the replacement of approximately 1,000 m of sanitary main (including all associated structures and services), and the replacement of storm sewer structures, ditching and full depth reconstruction of approximately 1,300 m of road. This work was identified as part of Asset Management planning and was necessary to ensure the delivery of safe, clean water to residents.	\$2,742,700	\$922,332	Ongoing
Local Roads and Bridges	Loyalist, Township of	Resurfacing Main St. in Bath	Main Street is the main thorough fare through the historic Village of Bath, serving as the connecting link between portions of the Provincial Highway 33. This important stretch of road is the main corridor travelled along the shores of Lake Ontario in the Township. This project is for the removal and replacement of approximately 1.3 km of asphalt on Main Street in Bath, from Centennial Park to the western village limit. It also includes the replacement of 80 m of storm sewer.	\$1,986,900	\$0	Complete
Local Roads and Bridges	Lucan Biddulph, Township of	Bridge Replacement on Roman Line	The bridge is located on the Roman Line about 0.3 km north of Mooreville Drive. Given the age and condition of the bridge, a replacement was the most cost effective solution. The bridge was constructed using reinforced concrete. Safety guard rails were installed. The new bridge was made wider and has a 6.85 m span x 26 m width. This project was identified in the asset management plan to be completed at this time to reduce the probability of asset failure and/or service interruption.	\$473,398	\$271,625	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	MacDonald, Meredith & Aberdeen Add'l, Township of	Resurfacing Bay St, Gamble Rd, and Watson Rd E	The Township applied a single surface treatment to 4,836 m of road and a double surface treatment to 577 m of road. Watson Road portion is where our municipal landfill is located and is utilized by all member of the community on a regular basis. Bay Street was the last surface treated road within the settlement area of our municipality to be upgraded to asphaltting and provides access to local waterways.	\$189,595	\$189,595	Complete
Local Roads and Bridges	Machar, Township of	Resurfacing and Rehabilitation of Municipal Rd S - Tower Rd	Resurfaced and rehabilitated two of the Township's most traveled roads, Municipal Rd South and Tower Rd. The roads are critical for local traffic as they are one of only two throughways connecting Mikisew Provincial Park and Hockey Opportunity Camp to Hwy 124 and Hwy 11.	\$197,972	\$109,793	Complete
Local Roads and Bridges	Madawaska Valley, Township of	Wilowski Drive Reconstruction	This roadway rehabilitation project was identified in the Township's 5 year Road Management Plan as having reached or exceeded its practical life span, highlighting the need for roadside brushing, culvert replacement, pulverization of surface material, granular A application and 50mm Hot Mix application to 1 km length of Wilowski Drive. By completing this project through the use of these funds, the Township provides essential community revitalization and enhanced accessibility for residents.	\$87,897	\$87,897	Complete
Local Roads and Bridges	Madoc, Township of	Harts Rd Rehabilitation	Approximately 10 lane-km of Harts Rd was reconstructed. Work involved placing a thick layer of granular "M" limestone. The road had become unsafe due to heavy weather which compacted the clay underneath the old gravel and made it very slippery.	\$32,760	\$20,000	Complete
Local Roads and Bridges	Madoc, Township of	Rehabilitation of Mill Rd	Rehabilitation of 800 m of Mill Rd - from the hill to the base of the hill - to fix erosion issues.	\$30,000	\$19,589	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Madoc, Township of	Barrys Road Reconstruction	Approximately 12 lane-km of Barry Rd was reconstructed. Work involved removing the remaining portion of the existing surface, placing a Granular M lift throughout to provide a strong road bed, bringing all intersections up to municipal standards, and finally replacing the road surface with Everlife Flex Asphalt (fine grade, 25 mm HL-2 Ultra-Thin). Reconstructed has created a safer road in the winter months, while decreasing the need to repair during high traffic season.	\$393,507	\$223,507	Complete
Local Roads and Bridges	Malahide, Township of	Pressey Line West Road Rehabilitation	Road reconstruction is being undertaken on Pressey Line West, from Walker to Carter to Pigram Road. Work involves roadside ditching, drainage improvements, road base improvements and a new double surface treatment installation. □ □ Road rehabilitation is critical for the continued safety and connectivity of residents, particularly in rural areas with low density of population.	\$800,957	\$400,000	Complete
Local Roads and Bridges	Manitouwadge, Township of	Rehabilitation of Local Roads	Approximately 3,528 sq m of asphalt is being rehabilitated in various locations to improve the condition of the roadway.	\$536,431	\$536,431	Ongoing
Local Roads and Bridges	Markham, City of	Sidewalk Construction on Arterial and Collector Roads	The City of Markham, through a review of the existing sidewalk network and as part of the Arterial and Collector Road Sidewalk Completion Program, has identified sidewalk gaps along the regional arterial and local collector roads. The construction of these sidewalks would fill in approximately 3 km of sidewalk gaps within the City's sidewalk network.	\$1,663,897	\$0	Ongoing
Local Roads and Bridges	Markham, City of	Main Street Unionville Road Reconstruction	Design and construction of Historic Main Street Unionville in compliance with the Streetscape Master Plan. Streetscaping includes new curbs, boulevard, road base, paving, and trees. Other municipal service upgrades include storm sewer and watermain improvements, intersection improvements, utility relocations, and new street lights.	\$7,500,000	\$38,164	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Markham, City of	Guiderail Installation/Upgrade	This project is for the installation or upgrade of about 238 linear meters of guiderail to meet new provincial standards. This will ensure that the city maintains safe roadways for users.	\$90,900	\$90,900	Ongoing
Local Roads and Bridges	Markham, City of	Localized Rehabilitation - Curb & Sidewalk	Rehabilitation of about 4.973 km of sidewalk and 4.316 km of curbs as identified by staff. Sidewalk rehabilitation is intended to minimize trip and fall incidents and reduce associated liability to the City. Curb rehabilitation is intended to channel storm water into the storm sewer system. □ This project returns assets to a state of good repair, ensuring the safety of local residents and minimizing potential claims and litigation that could arise from deficient sidewalks and/or curbs.	\$876,400	\$875,727	Ongoing
Local Roads and Bridges	Markham, City of	Asphalt Resurfacing at Various Locations	Asphalt resurfacing of approximately 21 km of two/four lane roadway. The asphalt resurfacing project consists of resurfacing roads throughout the City utilizing a pavement management program to select rehabilitation candidates. The overall goal is to maintain an acceptable pavement condition index and user satisfaction by implementing cost effective strategies designed to extend pavement life while reducing overall maintenance costs of the road network.	\$6,815,798	\$6,257,937	Ongoing
Local Roads and Bridges	Markham, City of	Asphalt Resurfacing at Various Locations	Asphalt resurfacing of approximately 21.5 km of two to four lane roadways. Work involves resurfacing roads throughout the City utilizing a pavement management program to select rehabilitation candidates. The overall goal is to maintain an acceptable pavement condition index and user satisfaction by implementing cost-effective strategies designed to extend pavement life while reducing overall maintenance costs of the road network.	\$6,783,800	\$239,690	Ongoing
Local Roads and Bridges	Markham, City of	Replacement of Small Culverts	This project involves replacement of 10 small corrugated steel pipe (CSP) (total 2,285M) with High Density polyethylene (HDPE) pipes, which has service life of 50 years.	\$247,416	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Markham, City of	Sidewalk Construction in Multiple Locations	To provide approximately 8.1 km of sidewalk infrastructure to areas that do not have sidewalks or missing links on local and Regional roads. The construction of sidewalks allows the safe movement of pedestrians while promoting accessibility.	\$2,487,512	\$0	Complete
Local Roads and Bridges	Marmora and Lake, Municipality of	Culvert Replacements on Skene Rd and Jennison Rd	<p>Flooding issues occur annually as snow melts during the spring thaw. Floods trap residents and prevent them from entering or exiting their properties and raise the risk that contaminants from vehicles (oil, gas, etc.) will enter water bodies. □</p> <p>□</p> <p>This project involves replacement of three 60+ year old undersized culverts and road lifting to address flooding issues on Skene Road, and replacement of one 60+ year old culvert on Jennison Road to address flooding issues.</p>	\$650,000	\$100,000	Complete
Local Roads and Bridges	Mattawa, Town of	Culvert & Swale Improvements on 7th Street	This road is located on a steep hill in a residential neighborhood. Residents have reported that their vehicles are 'bottoming out' when trying to access their driveways due to the swale on this road. The swale was rehabilitated, new culverts were installed, and entrances off 7th Street to individual properties were improved, resulting in much better drainage and access to properties.	\$13,895	\$13,895	Complete
Local Roads and Bridges	Mattawa, Town of	Turcotte Park Road/Mattawan Street Sidewalk Construction	This project is for the construction of a sidewalk along Turcotte Park Road that extends the existing sidewalk and joins up with the sidewalk on Mattawan Street. Major development has occurred in this area in the last 12 years - i.e. new hospital, new elementary school, new ten-unit senior residential complex and new long-term care home. This project will enhance safety and promote active transportation.	\$363,222	\$189,211	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mattawan, Municipality of	Widening of Various Municipal Roads	This project was initiated to improve the drainage for the unpaved roads and to widen two of the roads to improve the sight lines for vehicles. We widened Beaudry and Murphy's Roads to one side to improve the ability of vehicular traffic to pass by an oncoming vehicle without having to pull over, and on the other side of the roads we ditched the road to improve drainage. On Argo Run and Arbutus Trail we improved drainage by ditching. Approximately 6 lane-km of roads were improved in total.	\$20,030	\$20,030	Complete
Local Roads and Bridges	McDougall, Municipality of	Rehabilitation of Lake Forest Drive	A 2.6 km section of Lake Forest Drive was rehabilitated. Work involved improving sight lines, blasting rock to improve drainage, replacing culverts, pulverizing the existing surface, regrading roadways and driveways with new granular material and placing a new asphalt surface. □ Lake Forest Drive is the sole route of access to a municipal beach located on Meadowcrest Drive. Over 50 residences additionally front on or are accessed through the rehabilitated section of the road.	\$451,935	\$302,756	Complete
Local Roads and Bridges	McKellar, Township of	Rehabilitation of McKellar Lake Road	The base of 2.1 lane-km of McKellar Lake Road was remediated and the road received a surface treatment. The objective of this investment was to enhance road safety and extend the life of the asset.	\$123,799	\$123,799	Complete
Local Roads and Bridges	McMurrich/Monteith, Township of	Surface Treated Road Upgrades	Slurry seal is being applied to 4.1 km of double surface treated roadway. The project is designed to extend the life of the surface of the roadway and thereby to minimize the lifecycle costs of maintaining the surface condition.	\$104,026	\$81,008	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	McNab/Braeside, Township of	Rehabilitation of Braeside Village Roads	<p>Major roadwork had not been completed in the Village of Braeside in over 30 years. Roads were in poor condition, drainage was poor or non-existent, and vehicles had to maneuver around the many surface deficiencies.□</p> <p>□</p> <p>This project substantially improved a large portion of the road network (1.22 km), making it safer for both pedestrians and vehicles. Improved roads include those leading to the John A. Gillies Recreation Centre - benefiting all users of the facility, playground, diamond, and rink.</p>	\$1,032,072	\$446,499	Complete
Local Roads and Bridges	Meaford, Municipality of	Reconstruction of 8th Concession South - Sunny Valley Road to the Holland-Sydenham Townline	<p>The reconstruction included pulverizing, raising a part of a lower lying portion of roadway, shaping the existing road surface, placing and compacting the surface treatment, and all additional work required to complete these tasks.□</p> <p>□</p> <p>As the Municipality's road network investment needs exceed the available funding, the Municipality's prioritization of roads consider return on investment based on perceived improvements, impact on users by AADT, and other factors.</p>	\$428,316	\$348,600	Complete
Local Roads and Bridges	Melancthon, Township of	Rehabilitation of Bridge 11	<p>The bridge spanning the Grand River on 8 Line SW is being rehabilitated to prolong its useful life and promote roadside safety. The bridge is a cast-in-place concrete rigid frame measuring 19.8 m long and 7.3 m wide. Work involves investigation reporting and structural rehabilitation including removal of the existing asphalt and repaving the road, concrete patching, improvements to the barrier railing, waterproofing, and adding rock protection to the embankments.</p>	\$31,983	\$22,834	Ongoing
Local Roads and Bridges	Melancthon, Township of	Rehabilitation of Bridge 13	<p>Bridge 13 was rehabilitated to extend its useful life and provide better service for public use. The structure is now in good condition. The rehabilitation consisted of concrete patching, expansion joint replacement, waterproofing and paving, and erosion protection.</p>	\$204,250	\$177,166	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Merrickville-Wolford, Village of	Tar and Chip Road Rehabilitation	Tar and chip treatment is being applied on various local rural roads with a fog seal. This rehabilitation includes Bates Rd, Weedmark Rd, Read St, Snowden's Corners Rd, and Ireland Rd for a total of 15.23 km. These roads are part of the Village's asset management plan, and they have exceeded their lifecycle and are in need of rehabilitation. Road rehabilitation is vital to our community as they provide access to our community for residents, businesses and tourists alike.	\$520,644	\$381,160	Complete
Local Roads and Bridges	Middlesex Centre, Municipality of	Replacement of Culvert C-147 on Hyde Park Road	This project is for the design, removal, and construction associated with replacing Culvert C-147 on Hyde Park Rd. The project involves removing and replacing the existing culvert with a new culvert, along with associated grading and improvements to roadside safety. The existing culvert has reached the end of its useful life and the most cost-effective solution is replacement, which will ensure the long term safety and resiliency of the transportation system.	\$565,000	\$339,084	Complete
Local Roads and Bridges	Middlesex Centre, Municipality of	Rehabilitation of Bridge B-124 on Ten Mile Road	This project is for the design, removal, and construction associated with renewing and extending the life of municipal bridge B-124 on Ten Mile Rd. The project involves removal and replacement of the existing superstructure with a new deck, girders, railings, and bearing pads - extending the life of the bridge in a cost effective manner and ensuring safety of the transportation system.	\$120,000	\$22,743	Ongoing
Local Roads and Bridges	Middlesex Centre, Municipality of	Medway Road Reconstruction - Denfield Rd to Vanneck Rd	The Municipality is reconstructing the last section of Medway Road that had been identified for full reconstruction in 2015. This section - running from Denfield Road to Vanneck Road - is essential to complete the remaining stretch of Medway Road in its entirety. By reconstructing the road to a rural standard of 10 m wide, providing 1.5 m shoulders on each side for bike lanes, and reducing the vertical curves, the work will provide a safer road and reduce liability.	\$1,300,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Middlesex, County of	Rehabilitation of County Road 49 (Catherine Street)	Rehabilitation of County Road 49 (Catherine Street) from the west limit of the Village of Dorchester to the east limit of the City of London including hot mix asphalt overlay, the construction of paved shoulders for the promotion of active transportation and cycling as per the Middlesex County Cycling Strategy and rehabilitation of other road infrastructure including culverts and roadside drainage.	\$2,040,000	\$1,275,438	Complete
Local Roads and Bridges	Midland, Town of	Rehabilitation of Midland Point Road - Fuller to Portage Park	Work involves replacing culverts, resurfacing the road, and widening the road to accommodate bike lanes.	\$1,226,843	\$2,179	Ongoing
Local Roads and Bridges	Midland, Town of	Hannah St. Reconstruction - Queen St to King St	The primary objective of this improvement project is to efficiently replace the existing sanitary sewer and watermain including service laterals, while improving surface drainage to the new storm sewers at the corner of Hannah Street and Midland Avenue. The improvements will also include a full road reconstruction, replacement of curb, gutter and sidewalk, and restoration of boulevards and driveways disturbed during construction to previous or better condition.	\$1,050,000	\$393,031	Complete
Local Roads and Bridges	Milton, Town of	Reconstruction of Victoria Street (Bronte St to James St)	This project is for the rehabilitation of Victoria Street, between Bronte Street and James Street. The reconstruction includes removal and replacement of storm sewers, sidewalks, curbs and gutters, subdrains and the asphalt surface.	\$377,752	\$147,600	Ongoing
Local Roads and Bridges	Milton, Town of	Resurfacing Sections of First Line, Lawson Road and No. 5 Side Road	This project addresses rehabilitation needs located within the rural area and sometimes within the industrial area. Work includes hot asphalt mix, granular shoulders, culvert cleaning or replacements. Locations include First Line Nassagaweya (from No 28 Side Road to Arkell Road), Lawson Road (from Esquesing Line to 310 m north of Regional Road 8 - Steeles Avenue), and No 5 Side Road (from Regional Road 25 to Peddie Road).	\$2,116,597	\$1,116,925	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Milton, Town of	Asphalt Overlay of Multiple Streets	This project is to rehabilitate the asphalt road surfaces before they deteriorate to the point necessitating major road repair or reconstruction. There are 41.71 lane kilometers identified for rehabilitation across the municipality but subject to change based on the results of a feasibility study, geotechnical and CCTV inspection investigation, as well as coordination with utility agencies and the Region.	\$9,322,537	\$2,367,590	Ongoing
Local Roads and Bridges	Milton, Town of	Resurfacing Sections of Lower Base Line and Sixth Line	This project addresses rehabilitation needs located within the rural area and sometimes within the industrial area. Work includes hot asphalt mix, granular shoulders, culvert cleaning or replacements. Locations include Lower Base Line from Fifth Line to Sixth Line, Sixth Line from approximately 200 m north of the Railway crossing to Town Limits, and Sixth Line from Lower Base Line West to 1.8 km north of Lower Base Line West.	\$2,095,554	\$0	Ongoing
Local Roads and Bridges	Milton, Town of	Asphalt Overlay of Multiple Streets	This project is to rehabilitate the asphalt road surfaces before they deteriorate to the point necessitating major road repair or reconstruction. There are 49.38 lane kilometers identified for rehabilitation across the municipality but subject to change based on the results of a feasibility study, geotechnical and CCTV inspection investigation, as well as coordination with utility agencies and the Region.	\$10,836,109	\$6,238	Complete
Local Roads and Bridges	Milton, Town of	First Line (Britannia to Lower Base Line) Rehabilitation	This project is for the rehabilitation of First Line from Britannia Road to Lower Baseline Road. As a result of geotechnical investigation performed in 2018, it was determined that roadway rehabilitation would be the best approach to addressing the needs of this roadway.	\$1,175,910	\$1,325	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Milton, Town of	Road Resurfacing of Multiple Streets	This project addresses rehabilitation needs located within the rural and industrial area. Several methods of rehabilitation are considered with this project, with the ultimate rehabilitation method chosen as a result of geotechnical investigation and consideration of all related project constraints. Roads being rehabilitated include Steeles Avenue West (from Appleby Line to Old Tremaine) and No. 15 Side Road (from the Town Line boundary to First Line Nassageweya).	\$1,691,101	\$2,635	Complete
Local Roads and Bridges	Milton, Town of	Bronte Street (Main to Steeles Ave) Redevelopment	This project is for the reconstruction and widening of Bronte Street, between Main Street and Steeles Avenue. The widening will be phased over multiple years with the widening from Main Street to Victoria Street including intersection improvements. The section from Victoria Street to Steeles Avenue includes the replacement of the 16 Mile Creek structure, the replacement of the at-grade crossing of the Canadian Pacific Railway tracks and the removal of the 'jog'.	\$27,932,582	\$0	Ongoing
Local Roads and Bridges	Milton, Town of	Bridge and Culvert Rehabilitation	This project is for design and construction work to address minor rehabilitation needs for various bridge and culvert (over three metres) assets in accordance with the 2014 Municipal Infrastructure Inventory and Inspection/Bridge Needs Study. Work involves the rehabilitation of Chisholm Drive Bridge (No. 50), Number 20 Side Road Bridge (No. 60), Eighth Line Bridge (No. 68) and Number 15 Side Road Bridge (No. 73).	\$574,053	\$514	Ongoing
Local Roads and Bridges	Milton, Town of	Reconstruction and Widening of Bronte Street (Britannia to Louis St Laurent)	Bronte Street from Britannia to Louis St. Laurent Avenue was identified for widening and reconstruction in 2016. The scope of work involves widening to four lanes with either a centre median or shared centre turn lane. The project also includes the installation of two roundabouts where the East-West collector roads intersect with Bronte Street.	\$4,922,002	\$18	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Milton, Town of	Road Resurfacing of Multiple Streets	Road resurfacing with asphalt overlay process for multiple locations (approx 38.226 km). Also included is an expanded asphalt process to Sixth Line(Lower Base Line to Hwy 407), Lower Base Line (Trafalgar to Hwy 407), Henderson Rd (Lower Base Line to RR 25), and Esquesing Line (from James Snow Parkway to Five Side Road).	\$11,647,375	\$4,442	Ongoing
Local Roads and Bridges	Milton, Town of	Reconstruction of Campbell Avenue East of Guelph Line	Campbell Avenue, from east of Guelph Line to Campbellville Road, is a road located in Campbellville with high traffic volumes, poor drainage and low structural adequacy. It was listed as a "Now" need in the Town's 2014 'State of the Infrastructure-Roads Study', and is therefore being reconstructed. Reconstruction is occurring in phases to accommodate a Ministry of Transportation overpass project.	\$5,212,512	\$1,189,736	Ongoing
Local Roads and Bridges	Milton, Town of	Urbanization of 5th Line	The road segment from Highway 401 to Main Street is being reconstructed to a 2 lane urban cross section, with improved geometry around the tributary of 16 Mile Creek - including the structure replacement. A small portion of the road needs to be expanded to 4 lanes as it approaches Main Street. □ The road segment from Main Street to Derry Road is being reconstructed to a 4 lane urban cross section with an at-grade crossing of the CP railway.	\$35,820,482	\$232,254	Ongoing
Local Roads and Bridges	Minden Hills, Township of	Slurry Seal of Clear Lake Road and Brady Lake Road	The Township is applying a slurry seal to Clear Lake Road (3.67 km) and Brady Lake Road (3.66 km) as preventative maintenance. Slurry seal is a proven form of preventative maintenance that seals the surface of the road. This treatment extends the roads useful life while also reducing costs.	\$282,996	\$193,080	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Minden Hills, Township of	Rehabilitation of Scotch Line Road West	1.9 km of Scotch Line Road West is being pulverized, re-shaped, receiving an application of 100 mm of granular 'A', and receiving a double surface treatment with fog seal. This rehabilitation created a smooth driving surface on a road that was in extremely poor condition and beyond its useful life.	\$198,940	\$186,271	Complete
Local Roads and Bridges	Minto, Town of	Reconstruction of Allan Street East in Clifford	The Town is reconstructing Allan Street East from Elora Street (Highway 9) to William Street in Clifford (approximately 120 m) including necessary water, wastewater and storm infrastructure upgrades. Barrier curb and sidewalk were also upgraded to better serve the community. This area was also formally urbanized to provide parking and enhance the downtown core to further attract the travelling beach traffic resulting in increased economic impact.	\$356,916	\$89,000	Ongoing
Local Roads and Bridges	Minto, Town of	Rehabilitation of 12th Line East - Wellington County Road 6 to O'Dwyers Road	This section of 12th Line East (approximately 2.1 km) is heavily travelled and in poor condition. This road is used by heavy vehicles, primarily those going to and from several gravel pits located on 12th Line. The nearby golf club has a large seasonal and year-round section of modular homes which houses a growing number of retirees and snowbirds who use 12th Line to travel to Harriston and Mount Forest. □ Rehabilitation involves engineering, design, guide rail installations, and asphalt work.	\$469,417	\$0	Ongoing
Local Roads and Bridges	Minto, Town of	Reconstruction of Elora Street South in Downtown Harriston	Complete reconstruction of Elora Street South in downtown Harriston including replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of decorative sidewalks and street lighting. □ Paving and minor servicing of the remainder of Elora Street in Harriston. □ Scope increased as additional sanitary sewer work is required. 1,230m of roads will be reconstructed.□	\$1,876,304	\$59,382	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Minto, Town of	Resurfacing of 6th Line and Gillespie Lane	These roads were in poor condition and required upgrading in advance of the International Plowing Match to be held in September 2016 on this site. Sandpad was installed with HL3 surfacing. 8.3 km of road was resurfaced.	\$571,746	\$32,918	Complete
Local Roads and Bridges	Minto, Town of	Replacement of Bride Road Bridge	Replacement of failing bridge including work on the embankment, deck and guiderails.	\$488,437	\$10,780	Complete
Local Roads and Bridges	Minto, Town of	Reconstruction of Lowe & Walker Streets	Replacement of water and sanitary sewer services and reconstruction of 180 m ² of road base and surface.	\$101,341	\$6,982	Complete
Local Roads and Bridges	Minto, Town of	Resurfacing of Clarke St & James St in Clifford	This project involves the installation of new watermain and the resurfacing of 260 m of road.	\$156,024	\$10,750	Complete
Local Roads and Bridges	Minto, Town of	Resurfacing of Queen St (Sec 1033) in Clifford between Clark St and Ann St	Resurfacing of 140 m of road and installation of one half block of water main on Queen St in Clifford between Clark St and Ann St.	\$76,590	\$5,277	Complete
Local Roads and Bridges	Minto, Town of	Road Reconstruction of James St between Main St and John St	This project is a total reconstruction of James Street in Palmerston between Main St and John St (320 m), including replacement of sanitary sewers, storm water pipes and water pipes where necessary.	\$521,564	\$26,911	Complete
Local Roads and Bridges	Mississauga, City of	Resurfacing of Major Roads and Residential Roads	The project involves the rehabilitation of major roads and residential roads, including replacing asphalt on the road and rehabilitation of curb and sidewalk (where necessary). Work will improve the overall road pavement condition on 39 streets (or approximately 14.5 km of road) to maintain this infrastructure in a state of good repair. Roads are selected for rehabilitation based on the City's pavement management system.	\$10,500,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Sidewalk Construction at Various Locations	This project involves the construction of 2212 m of sidewalks at various locations within the city.	\$1,205,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Construction or Installation of Traffic Calming Measures	The City is constructing or installing traffic calming measures on Golden Orchard Dr (from Willowbank Tr to Rathburn Rd E, and from Burnhamthorpe Rd E to Bloor St), Council Ring Rd (from the south intersection with Glen Erin Dr to The Collegeway), Novo Star Dr (from Mavis Rd to McLaughlin Rd), and Gooderham Estate Blvd (from John Watt Blvd to Silverthorn Mill Ave). These measures will help reduce excessive traffic speeds and improve safety for all road users.	\$195,000	\$2,185	Ongoing
Local Roads and Bridges	Mississauga, City of	Installation of Traffic Signals in Two Locations	In consultation with the local Ward Councillor, and based on a prioritized warranted list provided by Road Safety staff, two intersections were identified as locations that would benefit from the installation of traffic control signals. The intersection of Lakeshore Road West at Front Street is receiving one signal. The intersection of Aquitaine Avenue east of Montevideo Road is receiving one mid-block signal.	\$295,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Bridge Renewals at Four Locations	The City is rehabilitating three bridges and replacing one pedestrian overpass to extend the service life of these structures.	\$3,230,000	\$1,035,893	Ongoing
Local Roads and Bridges	Mississauga, City of	Sidewalk Construction and Road Resurfacing in Eight Locations	This project involves the construction of 3,680 m of new sidewalks as well as road resurfacing and concrete pavement installation. Work is occurring on Laird Rd (from Vega Blvd to Ridgeway Dr), Lorne Park Rd (from Queen St to Albertson Cres), Tomken Rd (at Transitway), Marcove Rd (at Kennedy Rd), Professional Ct (from Derry Rd E to the end of the street), Second Line W (at Lamplight Way), Southdown Rd (from Gate St to Orr Road), and Courtneypark Dr E (from Tomken Rd to Dixie Rd).	\$600,000	\$343,161	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Retaining Wall Construction on Dundas St.	New retaining walls are being constructed on Dundas Street West between Robinson St and Dundas Cres. and Dundas St West between the Credit River and Erindale Park. The sidewalk and roadways at these locations are beside a steep slope that is showing signs of instability. The new retaining walls will provide stability to the sidewalk and roadways, ensuring the continued safety of pedestrians, cyclists, and motorists.	\$3,200,000	\$16	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Residential Roads	The project involves the rehabilitation of 24 residential streets (or approximately 9.5 km of road). Roads were selected based on the City's pavement management system to maintain the overall condition of these roads in a state of good repair. Work included replacing asphalt on the road as well as improvements to curb and sidewalk where necessary.	\$6,313,268	\$6,107,658	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Non-Residential Roads	The project involves the rehabilitation of eight major industrial residential streets and three residential streets (or approximately 10.5 km of road). Roads were selected based on the City's pavement management system to maintain the overall condition of these roads in a state of good repair. Work included replacing asphalt on the road as well as improvements to curb and sidewalk where necessary.	\$17,304,000	\$8,854,164	Ongoing
Local Roads and Bridges	Mississauga, City of	Installation of Bicycle Parking Infrastructure	The 2021 Bicycle Parking Program's main objective is to increase the amount of safe, secure, and accessible bicycle parking throughout the city. The program will expand the existing bicycle parking infrastructure throughout Mississauga with the installation of 55 new short-term bicycle parking racks (110 bike parking spaces) in 2021. The new bicycle parking installations are focused within Mississauga's Downtown Core, Business Improvement Areas (BIAs), and Cultural Districts.	\$50,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Installation of Bike Lanes on Commerce Blvd	The City is installing buffered bicycle lanes on Commerce Boulevard to connect existing multi-use trail on Eglinton Avenue East and the Transitway with planned cycle tracks on Matheson Boulevard East.	\$50,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Sidewalk Installation on Courtneypark Drive East	This project is for the construction of a sidewalk on Courtneypark Drive East from Tomken Rd to Dixie Rd with a total length of 1,290 m. There are inaccessible bus stops on the south side of the road. This sidewalk will provide access to transit, jobs, and businesses and improve accessibility and pedestrian safety.	\$585,000	\$359,387	Ongoing
Local Roads and Bridges	Mississauga, City of	Installation of Two Pedestrian Crossovers	The installation of street lighting, sidewalk and curb improvements, traffic signs, and pavement markings, to designate two trail crossing locations pedestrian crossovers.	\$160,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Sidewalk and Intersection Improvements on Second Line West - Lamplight Way to Sombrero Way	Improvements include a new sidewalk along the west side, new curbs, road resurfacing, new accessible crossings at Lamplight Way, and the extension of fencing along the west side. Now that Second Line West is closed to traffic south of Sombrero Way, the two roads are additionally being joined with a curve - improving safety by eliminating rolling stops. These changes will make pedestrian crossings safer, protect pedestrians from vehicles, and make it easier for students to walk to school.	\$120,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Installation of Traffic Calming Measures at Various Locations	Physical traffic calming measures are being installed on Osprey Boulevard, Falconer Drive, Sombrero Way, Flagship Drive and Second Line West. Three, ten, and nine sets of speed cushions are being installed in order to reduce vehicle operating speeds to levels appropriate for the posted speed limit, respectively.	\$240,000	\$148,543	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Rapid Installation of New On-road Cycling Infrastructure to Provide Mobility Options during COVID-19	During and after the COVID-19 recovery period, residents will require additional safe and comfortable active transportation options to ensure their continued mobility and safety. The Active Transportation COVID-19 Recovery Framework recommends adding 17.9 km of new on-road and separated bicycle lanes in locations across the city to rapidly improve the active transportation network. This represents a 30% increase in the amount of on-road bicycle lanes in the City.	\$1,300,000	\$400,804	Ongoing
Local Roads and Bridges	Mississauga, City of	Cycling Infrastructure in Various Locations	The project involves the construction of new multi-use trails and bike lanes to enable safer and more comfortable walking and cycling conditions along major roadways. Also, the project involves connecting existing cycling routes, bike lanes, and multi-use trails with new or renewed signed bike routes. Signed bike routes involve the addition of roadway sharrow markings and bicycle wayfinding signage on low-traffic streets.	\$4,237,130	\$596,446	Ongoing
Local Roads and Bridges	Mississauga, City of	Construction of New Sidewalks on Burgoyne St, Crestlawn Dr & Fewster Dr	This project involves the construction of 1.1 km of new sidewalks on Burgoyne St (Eglinton Ave E to Crestlawn Dr), Crestlawn Dr (Burgoyne St to Fewster Dr) and Fewster Drive (Crestlawn Dr to Encino St). The sidewalk connections will provide for safe and accessible pedestrian travel at three locations within the City.	\$1,580,000	\$0	Complete
Local Roads and Bridges	Mississauga, City of	Bridge and Structure Rehabilitation on Burnhamthorpe Road	The objective is to rehabilitate/replace five bridges at three locations on Burnhamthorpe Rd to extend their service life. The project involves the detailed condition survey, detailed design and rehabilitation of these structures. The rehabilitation will include bearing replacements, concrete patch repairs, potential widening for multi-use path (only at one location), expansion joint replacement or removal, etc. These structures were identified from City's bi-annual bridge inspection.	\$7,500,000	\$211,163	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Dundas Street West Retaining Walls	Remove and replace retaining wall structures at two locations located on the north side of Dundas Street West approximately 200 m and 750 m east of Mississauga Road respectively. Approximate lengths of new retaining wall construction is 165 m for west location and 265 m for the east location. Construction of new retaining walls will be located northerly from the existing retaining wall to accommodate future ultimate Dundas Street cross section.	\$1,600,000	\$22,672	Ongoing
Local Roads and Bridges	Mississauga, City of	Bridge Rehabilitation in Four Locations	The objective is to rehabilitate and/or replace four bridges to extend their service life. Two bridges are located on Brookhurst Road and Financial Drive. The other two are pedestrian overpasses on Central Parkway Drive and Lushes Avenue. These four structures were identified as priorities from the City's bi-annual bridge inspection, as required by City's infrastructure asset management.	\$3,150,000	\$834,662	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Roads and Other Improvements - Major Integrated Roadway Improvement Projects	Renewal of roadway pavements, curbs, sidewalk and trails, and advancement of the City's multi-modal transportation vision and objectives. Integrated Roadway Improvement Projects include a combination of roadway rehabilitation, active transportation improvements, intersection improvements and road safety improvements. Approximately five streets (15.4 km of roadway) are being renewed or improved.	\$16,530,929	\$39,504	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Residential Roads	Renewal of road pavement, sidewalks and curbs in residential areas throughout the City. Approximately 73 streets (29 km of roadway) are being rehabilitated to help keep the City's roadway infrastructure in a state of good repair.	\$8,030,000	\$44,062	Complete
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Non-Residential Roads	Work involves renewing road pavement, sidewalks and curbs along arterial, collector and industrial/commercial areas throughout the City. Approximately 14 streets or 10 kilometers of roadway are being rehabilitated to help keep the City's roadway infrastructure in a state of good repair.	\$24,432,600	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Installation of Speed Humps in Ward 10	This project involves the installation of physical traffic calming devices on the roadway. The installation of traffic calming is intended to reduce vehicle operating speeds and increase safety. Approximately ten traffic calming devices are being installed on two separate roadways.	\$50,000	\$0	Complete
Local Roads and Bridges	Mississauga, City of	Installation of Raised Pedestrian Crossovers at Two Locations	This project involves the installation of two raised pedestrian crossovers at existing trail crossings. A raised platform will be provided (traffic calming) in addition to the pedestrian crossover. This will provide a protected crossing location for all trail users.	\$120,000	\$2,723	Complete
Local Roads and Bridges	Mississauga, City of	Road Rehabilitation - Residential and Non Residential Roads	This project involves resurfacing 23.4 km of road throughout the City of Mississauga with paver laid expanded asphalt reclamation, as well as curb and sidewalk rehabilitation, catch basin and manhole adjustments and rehabilitation, subdrain installation, driveway apron rehabilitation and sod replacement. □ □ This project will also replace noise walls that have fallen into disrepair and upgrade of existing noise fences that are deteriorating and/or substandard to the current noise bylaw.	\$35,514,584	\$593,515	Ongoing
Local Roads and Bridges	Mississauga, City of	Rathburn Multi-Use Trail Rehabilitation	Rehabilitation of the boulevard multi-use trail on Rathburn Road (0.3 km). The project includes redesign, repaving, widening, and the development of an improved intersection crossing. This project will improve the safety and comfort of cyclists and pedestrians.	\$200,000	\$8,725	Ongoing
Local Roads and Bridges	Mississauga, City of	Implementation of New Multi-Use Trails and Bike Lanes	The project is for the design and construction of new safe and comfortable cycling infrastructure. This includes two new sections of boulevard multi-use trail on Eglinton Avenue West (2.1 km) and Winston Churchill Boulevard (1.0 km), as well as new bike lanes on Avebury Road (1.1 km).	\$1,525,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Bridge and Culvert - Inspection and Rehabilitation	<p>Rehabilitation of four bridges. Bridges are on Bloor Street over Little Etobicoke Creek, Eglinton Avenue over Little Etobicoke Creek, Old Derry Road over the Credit River, and a pedestrian trail over Aquataine Avenue. □</p> <p>□</p> <p>The project involves removing and replacing bridge deck asphalt and waterproofing, removing the expansion joints and modifying the abutments to a semi-integral configuration, jacking the structure, repairing the pre-stressed girder ends and replacing bearing pads.</p>	\$3,915,197	\$344,094	Ongoing
Local Roads and Bridges	Mississauga, City of	Inspection, Design and Rehabilitation of Four Bridges	Conduct Bridge Structure Inspections on four bridges for construction in 2020: Lushes Ave over Sheridan Creek (deck area 66.28 sq m), Brookhurst Ave over Sheridan Creek (deck area 189.1 sq m), Financial Drive over Levi Creek (deck area 439.68 sq m), and the pedestrian overpass on Central Parkway East (deck area 343.2 sq m).	\$500,000	\$108,765	Complete
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Pedestrian Bridges at Camilla Park, Barbertown Park and the Malton Greenway	The City is rehabilitating approaches, decks and railings of pedestrian bridges at both Camilla Park and Barbertown Park. The City is also replacing two pedestrian bridges at Malton Greenway and rehabilitating the other two.	\$722,480	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Installation of Traffic Calming Measures	In all cases, the City is installing speed cushions (which are basically speed humps of a slightly different design) in order to address speeding, traffic infiltration and incidences of aggressive driving behaviour on the following streets: Forestwood Drive, Havenwood Drive, Erin Centre Blvd, Credit Valley Road, Stavebank Road, Premium Way, Twain Avenue, Montevideo Road, Lorne Park Road and Heatherleigh Avenue.	\$200,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Residential Roadways	The City resurfaced over 60 city streets throughout 2018. Examples include Alexandra Ave. from Alexandra Blvd. to Atwater Ave. (approximate length of resurfaced road – 0.8km); Stavebank Road from High Street to North End (approximate length of resurfaced road – 1.8km); Joan Drive from Hanson Road to North End (approximate length of resurfaced road – 1.0km); Kenmuir Ave. from Orano Ave. to South Service Road (approximate length of resurfaced road – 1.0km).	\$10,383,587	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Reconstruction of Burnhamthorpe Road East	The Burnhamthorpe Road East reconstruction involves Low Impact Development (LID), Transit Priority Lighting, curbs, sidewalks, new bus laybys, pavement markings, LID storm sewers, multi-use trail (MUT) and MUT signals from East of Dixie to the Etobicoke Creek Bridge. The reconstruction covers 1.920 km of the existing four lanes for a total of 7.840 lane-km.	\$4,960,000	\$0	Complete
Local Roads and Bridges	Mississauga, City of	Rehabilitation and Widening of Mavis Road	This project involves the rehabilitation and widening of Mavis Road. Two sections of road are being improved: a 1.28 km long stretch from 250 m south of Courtneypark Drive to 80 m north of Novo Star Drive, and a 1.22 km stretch from 80 m north of Novo Star Drive to 240 m north of Twain Avenue. In both sections, the existing four-lane road will be rehabilitated or replaced and two lanes will be added. In total, 10 lane-km are being rehabilitated or replaced and 5 lane-km are being added.	\$11,835,571	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Road Rehabilitation and Noise Walls, Traffic Calming	This project involves the rehabilitation of Tomken Rd (from Eastgate Pkwy to Eglinton Ave), Centre View Dr (from the Hwy 403 westbound off-ramp to Duke Of York Blvd), McLaughlin Rd (from Faith Dr to south of Britannia Rd), Millcreek Dr (from Erin Mills Pkwy to Aquitaine Ave), and various other streets. A total 34 lane-km of roads were rehabilitated to improve road surfaces and keep road bases in a state of good repair.	\$11,000,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Rehabilitation and Replacement of Various Bridges	Rehabilitation of various city-owned bridges including Kingsbridge Garden Circle over the Cooksville Creek, Dundas Street W over the Credit River, Matheson Boulevard over the Etobicoke Creek, and Eglinton Avenue East over the Etobicoke Creek.	\$11,654,170	\$58,999	Ongoing
Local Roads and Bridges	Mississauga, City of	Road Rehabilitation and Noise Walls at Rathburn Rd E, Tomken Rd, Robert Speck Pkwy, etc.	Rehabilitation of major arterial, collector, and industrial roads to maintain current state of good repair and to implement Traffic Calming Program.	\$22,221,401	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Roadway Rehabilitation of Multiple Streets	Rehabilitation of 83 lane km on residential, industrial and arterial roads. Including curb and sidewalk repairs, driveway/apron repairs and road asphalt repairs. This results in improved drivability and extension of the life cycle of the assets.	\$16,048,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Bridge and Structure Rehabilitation in Multiple Locations	Bridge Rehabilitation at Kos Boulevard, Wolfedale Rd and Kamato Rd. The rehabilitation work includes setting up site access, work on an erosion and sediment control system, restoring access routes, removing and replacing damaged panels, and removing and reconstructing retaining walls. □ Bridge Structure Detail Inspections and Design at Dundas St westbound and eastbound over the Credit River and Matheson Blvd over the Etobicoke Creek and the project also involves culvert widening on Rena Road.	\$4,891,565	\$0	Complete
Local Roads and Bridges	Mississauga, City of	Bridge and Structure Rehabilitation in Multiple Locations	Rehabilitation of various City owned bridges including: Bloor Street over Etobicoke Creek, Dundas Street East over Little Etobicoke Creek, Dundas Street West over Loyalist Creek and Eglinton Ave East over Etobicoke Creek. The rehabilitation work includes setting up site access, erosion and sediment control devices: Restoring access routes; removing and repaving asphalt over bridge deck; removing and replacing guiderails; and improvements to surrounding areas.	\$3,521,842	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Mississauga, City of	Bridge and Structure Rehabilitation	Bridge Rehabilitation Projects including the CNR Rail (Metrolinx) Goreway Drive; Glen Erin Dr over Pedestrian Trail; Dundas St E over Little Etobicoke Creek. Conduct Bridge Structure Inspections on four bridges for construction in 2020: Dundas St E culvert over Little Etobicoke Creek (deck area 771.78 m2); Dundas St W culvert over Loyalist Creek (deck area 1483.95 m2); Bloor St bridge over Etobicoke Creek (deck area 1604.67 m2); Eglinton Ave bridge over Etobicoke Creek (deck area 1164.60 m2).	\$18,158,336	\$2,933	Ongoing
Local Roads and Bridges	Mississauga, City of	Cycling Infrastructure in Various Locations	The cycling program is designed to get commuters out of their cars, promote a healthier way of transportation. The program includes new cycling facilities like bike lanes, multi-use trails and bike routes with signage. □ This project includes new cycling facilities at Thomas St and Central Parkway East MUTs, McLaughlin Rd bike lanes and Tomken Rd MUTs, Creditview Road and Dundas St W MUTs. A total of 9.6Km.	\$4,961,908	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Detailed Inspections/Design & Rehabilitation of multiple Pedestrian Bridges	Rehabilitation of Pedestrian Overpass at Ogden Avenue to North Service Road. Detail condition surveys, design work and rehabilitation of Mississauga Road over Mullet Creek, Burnhamthorpe Road Over Sawmill Creek, East and West Bound Glen Erin Drive Over the Pedestrian Trail and the Pedestrian Overpass Over Derry Road.	\$3,224,605	\$9,084	Ongoing
Local Roads and Bridges	Mississippi Mills, Municipality of	Surface Treatment of Pakenham Concession 12N from Shaw Road to County Road 29	Renewal of 3.071 km (or 6.142 lane-km) of Concession 12N Pakenham, Ontario from Shaw Road to County Road 29. The project involves pulverizing the existing surface, making subgrade improvements, grading granular materials, and installation of new surface treatment to the road.	\$626,486	\$417,467	Complete
Local Roads and Bridges	Montague, Township of	Culvert Replacement on Richardson Road	A bridge culvert on Richardson Road is being replaced based on OSIM inspection reports and useful life.	\$265,000	\$17,345	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Montague, Township of	Renewal of Streets in Atironto	Renewal of 5.48 lane-km of the surface wearing layer of asphalt in the subdivision area of Atironto. This work preserves the life expectancy of the roads while maintaining the flow of traffic and facilitating emergency response by both fire and ambulatory services in and through to connector roads. This older neighborhood will also benefit from the infrastructure facilitating and accelerating renewal and reinvestment in the homes there.	\$223,819	\$71,300	Complete
Local Roads and Bridges	Moonbeam, Township of	Surface Treatment of Ouellette Bay Rd	A double surface treatment was applied to Ouellette Bay Road for approximately 2.3 km (across a width of 6.7 m) to limit the risk of extended damages, to prolong the life of the road, and to increase the safety of residents.	\$265,473	\$78,083	Complete
Local Roads and Bridges	Morley, Township of	Morley Pattullo East and West Road Rehabilitation	The Township rehabilitated 8 km of road. Work involved improvements to the gravel base, ditching, and culvert replacements to improve drainage and driving conditions for the community.	\$33,710	\$33,710	Complete
Local Roads and Bridges	Morris-Turnberry, Municipality of	Paving Clyde Line from Blyth Road to Moncrief Road	This segment of Clyde Line is a two-lane highway approximately 3 km in length. Hot mix HL-4 is being applied to the road segment and extended onto intersecting gravel roads to minimize the frequency and quantity of gravel pulled onto Clyde Line. □ □ Paving is required to correct severe wheel rutting and eliminate standing water on the road, reducing the risk of hydroplaning and improving safety for road users. The new surface will also reduce the amount of routine maintenance required.	\$284,655	\$106,619	Complete
Local Roads and Bridges	Mulmur, Township of	Road Resurfacing on 10 Sideroad and Prince of Whales Road	The Township is rehabilitating 4 km of 10 Sideroad and Prince of Whales Road. Both are high volume roads with severe deficiencies along both stretches of road. The project involves pulverizing the existing asphalt surface, regrading the road and replacing the asphalt.	\$296,407	\$186,574	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Muskoka Lakes, Township of	Eveleigh Road Reconstruction - Phase I	Reconstruction of Eveleigh Road from the District of Muskoka Transfer Station northerly for approximately 750 m. The works include grading and drainage improvements, granular base and hot mix paving. These road improvements serve local residents and business that access the transfer station.	\$504,148	\$409,799	Complete
Local Roads and Bridges	Muskoka Lakes, Township of	Beaumaris Bridge Rehabilitation	The Beaumaris Bridge connects Beaumaris Island to the mainland and is located approximately 1 km West of Milford Bay Road in the Township of Muskoka Lakes. The bridge is a two lane, three span, slab on box girder bridge built in 1968. The rehabilitation of the bridge was intended to correct defects in the superstructure and substructure so that the bridge can reaches its design life span.	\$834,012	\$0	Complete
Local Roads and Bridges	Neebing, Municipality of	Bridge Replacement - Pardee Road over Friendly Creek	Replacement of the bridge structure on Pardee Road over Friendly Creek. This project includes the necessary engineering, design, procurement, and installation.	\$750,000	\$23,913	Ongoing
Local Roads and Bridges	New Tecumseth, Town of	Upgrade of 10th Line from Gravel to Asphalt	Upgrade the 10th Line from County Road 10 to the 10th Sideroad from a gravel road to an asphalt surfaced road. The project includes grading the existing gravel and applying 100mm of asphalt, grade and shape shoulders and applying pavement markings to the road. The upgrades to the gravel road are intended to meet the needs of residents and businesses and to provide an adequate transportation network within the Town of New Tecumseth.	\$500,000	\$467,051	Ongoing
Local Roads and Bridges	New Tecumseth, Town of	7th Line Reconstruction	This project is for road improvements on the 7th Line from Sideroad 10 to Sideroad 15. The project includes road design, utility relocations and road reconstruction. Rehabilitation of this road section will address current deficiencies and on-going road maintenance issues. After completion of the road works the sections of road will be at an acceptable level of service for Town residents.	\$7,267,100	\$26,271	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	New Tecumseth, Town of	Resurfacing Local Roads	Sixteen sections of local roads are being resurfaced for a total of 15.77 linear kilometres. Sections are located on Sideroad 10, 7th Line, Rodcliff Rd, Wellington St E, Elizabeth St, Stewart Ave, Hussey St, McKeown St, McCague Cres, Whiteside Crt, Storey Gate, Hunter Court, Tupper Blvd, and Queen St (Alliston). The road sections were identified in the Roads Need Study as requiring resurfacing in order to maintain the desired Pavement Condition Index on the Town's roadways.	\$3,062,893	\$0	Complete
Local Roads and Bridges	New Tecumseth, Town of	Installation of an Audible Pedestrian Signal in Beeton	This project is for upgrading and retrofitting the Main Street East and Patterson Street North intersection in Beeton with an Audible Pedestrian Signal to meet Audible Pedestrian Signals best practices and Transportation Association of Canada guidelines.	\$165,000	\$82,087	Ongoing
Local Roads and Bridges	New Tecumseth, Town of	Intersection Improvements - 10th Side Road & 6th Line	Design and construction of intersection improvements to address poor sight lines and road geometrics at the intersection of 10th Side Road and 6th Line.	\$134,400	\$0	Ongoing
Local Roads and Bridges	New Tecumseth, Town of	Urbanization of Mill Street from McCurdy Drive East	The urbanization of Mill Street (4th Line) in Tottenham from McCurdy Drive easterly for 720 m. Project involves bridge rehabilitation with sidewalks, full depth road reconstruction with granular base and hot mix asphalt, new curb and gutter, left turn lanes, storm sewers and manholes, sidewalks and streetlights.	\$2,382,826	\$102,363	Complete
Local Roads and Bridges	New Tecumseth, Town of	12th Line Bridge Replacement	An assessment of the 12th line bridge (Structure #12004) was done in 2016 and it was determined that the full bridge requires replacement. Work involves completion of an environmental assessment, full bridge replacement with a single span cast-in-place structure on precast girders with integral abutments, piles, barrier walls, sidewalks, 400mm road approaches, utility relocations, and centreline road adjustments to improve sight lines.	\$4,718,598	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Newbury, Village of	Road and Sidewalk Replacement in the Village of Newbury	All roads in the Village of Newbury were resurfaced (3.6 lane-km). Accessible sidewalks were installed along all roads in the village as well in accordance with specifications established by regulation under the Accessibility for Ontarians with Disabilities Act. A culvert was additionally replaced on Dundas St - opening opportunities for the development of the land on the east side of the culvert.	\$159,817	\$0	Complete
Local Roads and Bridges	Newmarket, Town of	Rehabilitation of Bayview Pkwy and Leslie Valley Dr/Waratah Ave	The Town strategically repaves degraded sections of road to extend the overall life of its road assets. Sections of Bayview Pkwy and Leslie Valley Dr/Waratah Ave (0.75 lane-km in total) were in a poor state and were therefore repaved and rehabilitated. The rehabilitation improved the quality of roads in relatively high-traffic areas; Bayview Pkwy links Davis Dr to Elgin St and mitigates traffic near the hospital, while Leslie Valley Dr/Waratah Ave are adjacent to or near three schools.	\$945,503	\$912,472	Complete
Local Roads and Bridges	Newmarket, Town of	Lorne Avenue Road Reconstruction	Lorne Avenue runs through the older historic portion of Newmarket and was identified as being overdue for replacement. The Town is therefore reconstructing and repaving the entire section of Lorne Avenue from Davis Drive (a Regional Road) to Eagle Street (a local road).	\$2,294,818	\$1,036,485	Ongoing
Local Roads and Bridges	Niagara Falls, City of	Sidewalk Replacement on Oxford St, Presidents Dr, Charnwood Ave, and Casey St	Full depth sidewalk replacement is required to address current sidewalk conditions on Oxford St (Rolling Acres Dr to Dorchester Rd), Presidents Dr (off Casey St), Charnwood Ave (Montrose Rd to Tad St), and Casey St (Olden Ave to Dorchester Rd).	\$729,000	\$0	Ongoing
Local Roads and Bridges	Niagara Falls, City of	Sidewalk Replacement & Rehabilitation	Full sidewalk replacements due to current road conditions on the following streets: Freeman St, Kilman Cr, Princess Cr, Aquarius Cr, Corry Cr, and Mundare Cr. These sidewalks have been identified as a funding priority for the community by Council and support the objective to build stronger communities. This project results in the renewal of tangible capital assets that are primarily used for public use and benefit.	\$541,000	\$329,076	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Niagara Falls, City of	Road Rehabilitation on Various Roadways	Project entails the removal and replacement of existing pavement structure including sub drain installation along 3 km of roadway. These roads have been identified as a funding priority for the community by Council and the funding supports the objective to build stronger communities. This project results in the renewal of tangible capital assets that are primarily used for public use and benefit.	\$1,527,000	\$1,066,292	Complete
Local Roads and Bridges	Niagara Falls, City of	Surface Treatment on Various Roads	The municipality is investing in the application of reclaimed asphalt pavement and single surface treatment due to road conditions on 12 km of the following rural roads: Reixinger Rd, Morris Rd, Bossert Rd, and Garner Rd. These roads have been identified as a funding priority for the community by Council and this project supports the objective to build stronger communities. The project results in the renewal of tangible capital assets that are primarily used for public use and benefit.	\$691,475	\$654,124	Complete
Local Roads and Bridges	Niagara Falls, City of	Road Resurfacing on Kalar Road	The Municipality is investing in Mill & Pave surface course asphalt treatment due to current road conditions on Kalar Road from Beaverdams to Woodbine. This project has been identified as a funding priority for the community by Council and supports the objective to build stronger communities. This project results in the renewal of a tangible capital asset that is primarily used for public use and benefit.	\$385,000	\$154,000	Complete
Local Roads and Bridges	Niagara Falls, City of	Resurfacing on Morrison Street	The municipality is investing in Mill & Pave surface course asphalt treatment due to current road conditions on Morrison Street from Dorchester to Portage. This project results in the renewal of a tangible capital asset that is primarily for public use and benefit. Funding has been identified by Council as a priority for the community and supports the objective of the Fund to build stronger communities.	\$615,000	\$12,843	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Niagara Falls, City of	Asphalt Overlay on Oldfield Road	The street Oldfield Road (from Drummond to Dorchester) has been reconstructed under capital road reconstruction projects and requires surface course asphalt. It has been identified as a funding priority for the community by Council and supports the objective to build stronger communities. This project results in the renewal of a tangible capital asset that is primarily used for public use and benefit.	\$277,000	\$110,800	Complete
Local Roads and Bridges	Niagara Falls, City of	Asphalt Overlay on Various Roads	Third Ave, Fourth Ave, Fifth Ave, and Sixth Ave have been reconstructed and require surface course asphalt (for a total length of 1.5 km). They have been identified as a funding priority for the community by Council and supports the objective to build stronger communities. This project results in the renewal of tangible capital assets that are primarily used for public use and benefit.	\$223,000	\$218,756	Complete
Local Roads and Bridges	Niagara Falls, City of	Montrose Road Reconstruction	Complete road reconstruction including sidewalk, curb and gutter and new storm, sanitary sewer and water main along 1,091 m of roadway. This project results in the renewal of a tangible capital asset that is primarily for public use and benefit. It supports the objective of the Fund to build stronger communities, and Council has identified this project as a priority of the community.	\$2,326,000	\$2,285,245	Complete
Local Roads and Bridges	Niagara Falls, City of	Road Resurfacing & Rehabilitation	The City is resurfacing and rehabilitating Jill Dr, Rainbow Cres, Sunrise Ct, Village Cres, the intersection of Paddock Trail Dr and Kalar Rd, and the portion of Dorchester Rd between Lundy's Lane and McLeod Rd. This project results in the renewal of roads that are primarily for the use and benefit of the Niagara Falls community, and have been identified as a priority by staff and Council.	\$1,690,000	\$0	Complete
Local Roads and Bridges	Niagara Falls, City of	Sidewalk Replacement on Four Local Roads	This project involves full sidewalk replacement on Appleford Ave (from Casey St to Harriman St), Wedgewood Cr (off Willinger St), Fairway Rd (from Harriman St to Brady St), and Theresa St (from Portage Rd to Hillcrest Cr). The primary objective is to remove aging sidewalk and replace it with new sidewalk that meets current Ontario specifications as well as Accessibility Act requirements.	\$760,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Niagara Falls, City of	Rehabilitation of the Victoria Avenue Bridge	The Victoria Ave Bridge is a 105 m long, five span prestressed concrete deck on steel girder bridge that carries Victoria Ave over the CNR rail tracks. The bridge was constructed in 1960 and rehabilitated (deck replacement) in 1992. Rehabilitation of the structure is required to extend the service life of the bridge.	\$65,000	\$58,774	Ongoing
Local Roads and Bridges	Niagara Falls, City of	Robinson Street Road Construction	The primary objective of this project is to remove an aging concrete overpass bridge over a former railway corridor and construct a new road in its place. The project also includes the construction of a new watermain and services, improvements and upgrades to the existing stormwater drainage system and sidewalks will be installed on both sides of the new road to accommodate pedestrian traffic and link private developments and tourist attractions in the area.	\$1,750,000	\$0	Ongoing
Local Roads and Bridges	Niagara Falls, City of	Beck & Whirlpool Rd Bridge Replacements	Beck Road Bridge: Detailed design for bridge replacement Whirlpool Road Bridge: Detailed design and rehab works based on DCS results. Design and engineering for Whirlpool Road resurfacing, bridge rehabilitation and connection of the millennium trail to the Niagara Parkway.	\$9,551,000	\$0	Ongoing
Local Roads and Bridges	Niagara, Region of	Structural Rehabilitation - Highway 20 Bridge	The timing of this project is critical. The structure has reached the end of its service life, has a triple load restriction, poses a safety risk to motorists, and is being immediately replaced. In 2019, the Region was forced to close the Hwy 20 Bridge to conduct emergency repairs. This section of Hwy 20 is a heavily travelled road that also serves as a detour for closures of the Thorold Tunnel.	\$3,500,000	\$0	Ongoing
Local Roads and Bridges	Niagara, Region of	Resurfacing and Strengthening Roads	This project is a cost-effective initiative to increase the longevity of over 60 km of roads. Work involves fully resurfacing sections of road and repairing the base of the road where needed. Sections are selected based on the 2020 Pavement Management Study.	\$10,000,000	\$4,167,730	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Niagara, Region of	Structural Rehabilitation - Hydro Canal North	Based on the 2019 Biennial Bridge Inspection Report, a recommendation was made to rehabilitate this bridge within 1-5 years. Recent emergency repairs were completed on the bridge in 2011 which included replacement of a section of the north railing system, patch repairs, and replacement of a bearing seat. The overall condition of the bridge is fair to poor with an overall Bridge Condition Index (BCI) of 60.	\$3,130,000	\$136,418	Ongoing
Local Roads and Bridges	Niagara, Region of	Structure Rehab - St. Paul W CNR Bridge Replacement	This project addresses the replacement of the St. Paul St West CNR Bridge. The 2019 Biennial Inspection Report identified this structure for replacement as the service life has expired and the bridge currently has a triple load restriction. The bridge replacement project also includes construction of the St. Paul St West/Great Western St intersection to facilitate access to the St. Catharines GO Station.	\$9,400,000	\$255,134	Ongoing
Local Roads and Bridges	Niagara, Region of	Road Rehab - RR 529 Effingham St - Webber Rd to River Rd	This project involves reconstructing RR 529 Effingham St to address pavement conditions as well as replacing the twin culverts located south of RR 29 Webber Rd. The current road condition is poor with a Pavement Condition Index (PCI) of 36, and a recommendation was made to replace the twin culverts now based on the 2019 Biennial Bridge Inspection Report. There are extensive areas of severe corrosion, perforations, and loss of cross sectional area especially along the creek water line.	\$5,850,000	\$1,413,627	Ongoing
Local Roads and Bridges	Niagara, Region of	Road Rehab - Pelham Rd Reconstruction (Ph 3) - Wessell Dr to 8th Ave	This project is to reconstruct the two-lane rural cross section, implement drainage improvements, address poor pavement conditions and road safety concerns, and provide active transportation options. The timing of this project has been selected to address deteriorating pavement conditions. This section of road has a Pavement Condition Index (PCI) of 38 and has been identified for reconstruction in the Asset Management Plan (AMP).	\$8,000,000	\$163,024	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Niagara, Region of	Improvement of the Intersection at Thirty Rd and Young Street	This project is to investigate and implement intersection improvements and road realignment at the intersection of RR14 (Thirty Rd) and Young St in the Township of West Lincoln. An environmental assessment will identify alternatives for geometric, capacity and safety concerns with the current stop controlled intersection.	\$500,000	\$0	Ongoing
Local Roads and Bridges	Niagara, Region of	Resurfacing and Strengthening Roads	Work involves grinding out and repaving 5.1 km of road asphalt surface to restore it to its original state. Full road reconstruction has far greater costs than road resurfacing. Selecting roads for resurfacing at the appropriate time is therefore essential to best management practices. Resurfacing is included in the Region's asset management plan and is part of Council's initiative to maintain the Region's road network PCI rating.	\$9,069,729	\$241,595	Ongoing
Local Roads and Bridges	Niagara, Region of	Improvement of Two Intersections	This project is to address intersection improvements at two locations. The reconstruction of intersection RR24 (Victoria Ave) at RR63 (Canboro Rd) addresses geometric, capacity and safety concerns with the installation of traffic signals and left turn lanes. The reconstruction of intersection RR27 (East Main St) at RR84 (Moyer Rd) improves left turn lanes by increasing capacity and addressing safety concerns; this intersection is currently signalized.	\$3,700,000	\$55,767	Ongoing
Local Roads and Bridges	Niagara, Region of	Reconstruction of RR 57 (Thorold Stone Rd) Extension East of Stanley Ave	This project is to implement the recommendations from the EA and to complete the Phase 2 extension of Thorold Stone Rd to the Downtown Area & Niagara River Pkwy while providing a key secondary connection to the QEW. Timing of this project is critical to ensure the property transportation linkage; extending the road network prior to growth in the area & GO Service implementation. To complete the road extension after development would have negative cost impacts, congestion & traffic implications.	\$6,000,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Niagara, Region of	Casablanca Blvd Widening - Livingston to QEW	This project is to address transportation infrastructure requirements (including intersection improvements, road widening and active transportation) for the proposed implementation of the Grimsby GO Station as well as for new residential and commercial developments located north of the QEW.	\$16,000,000	\$3,662	Ongoing
Local Roads and Bridges	Niagara, Region of	Intersection Improvement RR 20 - South Grimsby Rd 5 to Griffin St (Phase 2)	This project will implement the recommendations of the EA study report completed March 2016. These improvements address intersection operations including a new roundabout, capacity deficiencies, road conditions, streetlighting, active transportation and safety concerns shown in the Smithville safety study.	\$3,680,685	\$54,190	Complete
Local Roads and Bridges	Niagara, Region of	Reconstruction of Pelham Rd (Effingham to Wessel) Phase 2	Reconstruction of RR69 (Pelham Road) from Effingham Road to Wessel Drive. This project involves the reconstruction of the road to address drainage, safety, pavement condition and active transportation (cycling facilities). The length of the rehabilitated road is 2 km.	\$8,104,245	\$84,085	Ongoing
Local Roads and Bridges	Niagara, Region of	Rehabilitation of Lakeshore Rd (Townline to Creek) with Bike Lanes	This project involves the reconstruction of the road to address pavement condition and waterfront trail as recommended in an environmental assessment. The improvements will address drainage deficiencies, road condition and paving of the shoulders for cyclists. The length of the rehabilitated road is 2.7 km.	\$8,500,000	\$28,504	Ongoing
Local Roads and Bridges	Niagara, Region of	Reconstruction of RR61 Portage Rd & RR87 Lakeshore Rd	Reconstruction of a rural and semi-rural arterial roadway to an urban arterial roadway. This involves widening and intersection modifications to improve traffic flow. Phase 2 to address the deteriorating road conditions, drainage, culverts, new storm sewers, urbanization and semi-urbanization of the roadway, intersection roadway lighting and active transportation. 4.05 km of road is being reconstructed.	\$2,800,000	\$491,347	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Culvert Replacement on Mississagua St	A failing culvert at the end of its expected life was replaced with a new concrete box culvert. The culvert was also extended to allow for a widened road platform and the ability to add active transportation components in the future (sidewalks, multi-use trails, paved shoulders, and bike lanes). Capacity was also added by increasing the hydraulic capacity of the structure. The new culvert is estimated to last 75 years; the previous corrugated steel pipe culvert had a useful life of 50 years.	\$542,335	\$536,597	Complete
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Concession 6 Road - Road Reconstruction - Phase 1 (Warner to Mewburn)	This project consists of a road reconstruction (375 m) and widening (paved shoulders) to a Regional standard. The works also include road base excavation, some ditch re-alignments, drainage improvements and asphalt placement. This is the first of two planned phases.	\$1,590,272	\$0	Ongoing
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Concession 6 Road - Culvert Replacement	The project consists of the replacement of the existing concrete box culvert at the Bright's Drain crossing on Concession 6 Road. The works are being carried out in conjunction with the road reconstruction project being carried out along Concession 6 Road. The new culvert will be able to accommodate future traffic growth from new and existing development and will provide active transportation (cyclists and pedestrians) choices for non-motorists.	\$121,000	\$2,758	Ongoing
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Concession 6 Road - Road Reconstruction	The project consists of new storm sewer installation (280 m), new watermain installation (340 m), water main replacement (325 m), the replacement of water services, streetlighting improvements, sidewalk installation, and road reconstruction (400 m) on Concession 6 Road. The reconstructed road will be able to accommodate future traffic growth from new and existing development and will provide active transportation (cyclists and pedestrians) choices for non-motorists.	\$800,000	\$42,290	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Reconstruction of Anne Street	The project consists of storm sewer installation (220 m), sanitary installation (220 m) minor water system alterations, water main replacement, sidewalk installation, and road reconstruction (220 m). This also involves road base excavation, curb and gutter installation and base coarse and top coarse asphalt placement.	\$275,000	\$0	Ongoing
Local Roads and Bridges	Nipigon, Township of	Improvements to McKirdy Avenue Stormwater Management System - Phase 1	The project consisted of realigning the roadway and installing curbing and catch basins. The roadway was also rebuilt by replacing the base of the road and angling the grade towards the catch basins to try and address the excessive storm water runoff. Excessive runoff was causing damage to residential properties and has had a very negative effect on the existing infrastructure in the area. The completed work will prevent damage to residential homes and properties previously caused by flooding.	\$200,000	\$100,000	Complete
Local Roads and Bridges	Nipissing, Township of	Birchgrove Drive Reconstruction - Phase One	Pulverizing and re-surfacing of Birchgrove Drive. Digging out rocks and areas of concern, updating ditches and replacing culverts prior to resurfacing. As identified in the Municipality's Asset Management Plan, Birchgrove Drive exceeded its reasonable lifespan and was in need of repaving. The rehabilitation — covering 1.1 km of roadway — was essential to the revitalization of our community and enhanced accessibility for residents.	\$265,384	\$75,084	Complete
Local Roads and Bridges	Norfolk, County of	College Street Area Reconstruction - Waterford Phase 2	Complete reconstruction of watermain, sanitary sewer, storm sewer, road granulars, curb & gutter, sidewalk, asphalt, topsoil and sod. Work involves the complete reconstruction of College St (from John St to Main St), St James St (from College St to Mechanic St), Cottage St (from College St to Mechanic St), and Sovereign St (from John St to Main St) in Waterford (for a total length of 1,210 m). Sections being completed had very poor road conditions as well as cast iron watermains.	\$4,030,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Norfolk, County of	Asphalt Resurfacing - Norfolk County Rd 19 E (Cockshutt Rd to Villa Nova Rd)	This project is the for cold-in-place asphalt recycling and asphalt overlay of Norfolk County Road 19 East from Cockshutt Road to Villa Nova Road. This 3.6 km long section of road had a pavement condition index of 45 in the 2018 Roads Needs Study.	\$945,000	\$794,953	Ongoing
Local Roads and Bridges	Norfolk, County of	Asphalt Resurfacing - Norfolk County Road 19 E (Hwy 24 to Old Hwy 24)	This project is for the asphalt padding and overlay and replacement of roadside safety devices of Norfolk County Road 19 East from Highway 24 to Old Highway 24. This 3.8 km long section of road had a pavement condition index of 70 in the 2018 Roads Needs Study.	\$616,000	\$491,567	Ongoing
Local Roads and Bridges	Norfolk, County of	Asphalt Resurfacing - Forestry Farm Road	This project is for the cold-in-place asphalt recycling and asphalt overlay of Forestry Farm Road from McDowell Road West to Norfolk County Hwy 24. This 8.5 km long section of road had a pavement condition index ranging from 62 to 79 (with an average of 74) in the 2018 Roads Needs Study.	\$2,200,000	\$1,087,715	Ongoing
Local Roads and Bridges	Norfolk, County of	Asphalt Resurfacing - Norfolk County Road 21	This project is for the cold-in-place asphalt recycling and asphalt overlay of Norfolk County Road 21 from 1.2 km west of Forestry Farm Road to Hwy 59. This 6.0 km long section of road had a pavement condition index ranging from 45 to 75 (with the majority at 57) in the 2018 Roads Needs Study.	\$1,620,000	\$1,133,291	Ongoing
Local Roads and Bridges	Norfolk, County of	Union Street Reconstruction - Queen to Norfolk Street, Simcoe	Complete reconstruction - storm, water, wastewater, road granulars, curb & gutter, sidewalk, asphalt, topsoil and sod. Sanitary sewer videoed in 2019 discovered the bottom of the sewer is completely gone, making the project an immediate priority.	\$3,000,000	\$834,391	Complete
Local Roads and Bridges	Norfolk, County of	Don Jon Blvd - Hwy 6 to Jaylin Cres, Port Dover	Complete reconstruction - storm, wastewater, water, road granulars, curb & gutter, sidewalk, asphalt, topsoil and sod for Don Jon Blvd (330m) from Highway 6 to Jaylin Crescent.	\$2,580,000	\$1,190,912	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	North Algona Wilberforce, Township of	Royal Pines Revitalization	The project involves the revitalization of 3.2 lane-km of Royal Pines Road. It includes pulverizing the road, applying double surface tar and chip treatment, painting the single line and the stop lines and driveway and entrance restoration treatments.	\$431,759	\$177,000	Complete
Local Roads and Bridges	North Bay, City of	Rehabilitation of Various Roads	Road resurfacing is necessary where significant deterioration of the pavement condition (i.e., surface distress and/or riding comfort) has occurred. These resurfacing and minor reconstruction projects involve pulverizing or milling the existing asphalt, placing new structures, installing a heavy-duty binder, crack sealing and other minor rehabilitation to storm sewers, curbs, gutters, and sidewalks. The total length of resurfaced roads in this project is 8,505 m.	\$3,455,029	\$1,535,704	Complete
Local Roads and Bridges	North Dumfries, Township of	Asphalt Road Resurfacing in Various Locations	Approximately 6.3 km of asphalt road were resurfaced to enhance and extend the life cycle of the road system and/or reduce on-going maintenance. Work was completed on 1.4 km of Gore Road, 1.2 km of Roseville Rd, 0.3 km of Cooper Street, 1.4 km of Greenfield Road, 0.7 km of Alps Road, 0.1 km of Stanley Street, and 1.2 km of Brant-Waterloo Rd.	\$1,485,850	\$402,875	Complete
Local Roads and Bridges	North Dundas, Township of	Rehabilitation of Nesbitt Rd, Levere Rd, and Clark Rd	Nesbitt Road, Levere Road, and Clark Road (28 lane-km in total) were rehabilitated to improve the condition of each roadway. The average PCI (pavement condition index) increased from 38 to 95 for these three roads. □ Hard surface roads improve gas mileage while traveling the roads, resulting in fewer green house gases (GHG) being emitted from vehicles.	\$1,060,000	\$502,684	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	North Frontenac, Township of	Rehabilitation of Buckshot Creek Bridge	Rehabilitation of the Buckshot Creek Bridge based on findings / recommendations from the most recent Ontario Structure Inspection and work as identified by the Township's 10 year capital plan. Work included concrete deck repairs, new waterproofing and paving, repair of the road surface on the approaches, timber repairs on the piers and new guiderail / end treatments per Code requirements. Work improved serviceability, safety and extended the service life.	\$120,994	\$50,000	Complete
Local Roads and Bridges	North Glengarry, Township of	Resurfacing Gravel Roads	Rehabilitation of gravel roads throughout the Township of Alexandria in order to provide safer, level travel to citizens. Approximately 30,000 metric tons of gravel was applied to half the Township's gravel roads (the north half of Lochiel and south half of Kenyon).	\$241,160	\$241,160	Complete
Local Roads and Bridges	North Glengarry, Township of	Rehabilitation of Kenyon Conc 8, Kenyon Conc 12, and McCormick St	Rehabilitation of 7.6 lane-km of paved roads on Kenyon Concession 8, Kenyon Concession 12, and McCormick Street. This will improve drainage on 6.2 lane-km, which will benefit approximately 300 residents. These sections of roads are being rehabilitated to improve safety especially near intersections, as well as to improve driveability.	\$579,282	\$579,282	Complete
Local Roads and Bridges	North Glengarry, Township of	Rehabilitation of Skye Road	Joint project with the Nation Municipality consisting of 2 km of road construction and paving of Skye Road. The current road is full of pot holes, cracks and weaving. The double surface treatment is being paved with asphalt to extend the useful life of the asset and ensure safety to local residents.	\$250,000	\$71,837	Complete
Local Roads and Bridges	North Glengarry, Township of	Bridge Rehabilitation Program	Bridge rehabilitation on the following structures: Structure # 10 - Concession Rd. 4, Structure # 17 - Fraser Road, Structure # 28 - Ranger Road, Structure # 36 - Wylie Road, Structure # 43 - McCormick Road, Structure # 44 - McPhee Road, Structure #s 50 & 51 - Glen Sandfield Road, Structure # 53 - Old Military Road and Structure # 55 - Power Dam Road.	\$10,220,845	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	North Grenville, Municipality of	Surface Treatment of Townline (Hess to Tompkins)	The section of Townline Road from Hess to Tompkins Road received a gravel base rebuild in 2019 and received a surface treatment to hard surface the same section in 2020. This provides a smoother safer driving surface and reduces maintenance.	\$48,894	\$35,885	Complete
Local Roads and Bridges	North Grenville, Municipality of	Surface Treatment of Tompkins (CR44 to Townline) -	The section of Tompkins Road from County Road 44 to Townline Road received a gravel base rebuild in 2019 and received a surface treatment to hard surface the same section in 2020. This provides a smoother safer driving surface and reduces maintenance.	\$143,950	\$81,367	Complete
Local Roads and Bridges	North Grenville, Municipality of	Surface treatment of Scotch Line Rd W (Bolton to Donoghue)	The section of Scotch Line W Road from Bolton to Donoghue Road received a gravel base rebuild in 2019 and received a surface treatment to hard surface the same section in 2020. This provides a smoother safer driving surface and reduces maintenance.	\$92,024	\$56,062	Complete
Local Roads and Bridges	North Grenville, Municipality of	Surface Treatment on Bolton Rd - CR 43 to train tracks	The section of Bolton Road from County Road 43 to the train tracks received a gravel base rebuild in 2019 and received a surface treatment to hard surface the same section in 2020. This provides a smoother safer driving surface and reduces maintenance.	\$135,707	\$60,911	Complete
Local Roads and Bridges	North Grenville, Municipality of	Gravel Rehabilitation on Bolton Rd - Train Tracks to Craig	Work involves the replacement and improvement of the granular A and B layer to provide the structural support for hard surfacing. Select ditch/drainage improvements are also being completed. This is a section of road is in fair to poor condition. Work is being completed in anticipation of future surface treatment.	\$199,569	\$184,007	Complete
Local Roads and Bridges	North Grenville, Municipality of	Rehabilitation of Structure 13 - Old CPR Rail Pedestrian Bridge	The rehabilitation of this structure is based on the most recent OSIM inspection. This former rail bridge is currently utilized as a multi use pathway. This structure spans the Barnes Creek and supports not only the active transportation trail but also important fiber optic and natural gas lines that service parts of eastern Ontario.	\$167,184	\$24,374	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	North Huron, Township of	Resurfacing Wellington Street - Gypsy Lane to Morris Street	Three blocks on Wellington Street (from Gypsy Lane to Morris Street) were resurfaced. The asphalt had deteriorated to the point that it was causing increased maintenance costs. The new asphalt will extend the life of the road and improve ride quality.	\$56,085	\$56,085	Complete
Local Roads and Bridges	North Huron, Township of	Resurfacing Roads in the Belgrave Subdivision	Owen Street, Jordan Drive and Johnson Crescent in the hamlet of Belgrave were resurfaced to extend the useful life of the roads and to improve ride quality (approximately 1.8 lane-km of road in total).	\$118,286	\$118,286	Complete
Local Roads and Bridges	North Huron, Township of	Resurfacing Moncrieff Road - Currie Line to Scott Line	Moncrieff Road was resurfaced in 2020. This project involved the application of a sealer coat to protect the new surface.	\$46,075	\$46,075	Complete
Local Roads and Bridges	North Huron, Township of	Carling Terrace Reconstruction	A full reconstruction of Carling Terrace was completed from Diagonal Road to Victoria Street including the installation of a pedestrian cross walk. The surface of this section of the road was deteriorating. This project improves the condition of the roadway and provides improved safety measures for schools in the area.	\$1,848,179	\$107,445	Complete
Local Roads and Bridges	North Huron, Township of	North Street - Reconstruction	To reconstruct North Street from Hwy #4 (Queen St) to Gloria Street (New Subdivision). Work involves reconstruction of the road base, curb and gutter and base lift of asphalt. This project will bring the existing road up to standard and was required due to extensive development in the vicinity.	\$65,000	\$0	Ongoing
Local Roads and Bridges	North Kawartha, Township of	Jeff Road Hill Stabilization Project	This 250 m section of Jeff Road was repaved in 2018 as a warranty item through the contractor that rehabilitated Jeff Road. Since the warranty work was completed on this section the road has begun to sink and cause a deflection/bump in the road indicating an issue in the road bed below. The recommendation is to excavate the area and stabilize with appropriate aggregate and repave this section.	\$130,330	\$25,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	North Kawartha, Township of	Rehabilitation of Renwick Road	Renwick Road was rehabilitated. Work involved surveying the road allowance, rehabilitating the road bed, replacing culverts, adding gravel, and resurfacing a 600 m section of the road.	\$154,377	\$63,400	Complete
Local Roads and Bridges	North Kawartha, Township of	Reconstruction of Cheboutequion Dr and Napier Cres	Approximately 6.36 lane-km of Cheboutequion Drive and Napier Crescent were reconstructed. Work involved surveying the road allowance, rehabilitating the road bed, replacing culverts, adding gravel, and resurfacing the roadway. This project was identified in our Asset Management Plan as one of the top ten priorities to be completed.	\$259,343	\$130,000	Complete
Local Roads and Bridges	North Perth, Municipality of	Full Reconstruction of Multiple Streets	Full reconstruction of the road, wastewater, water and stormwater for part of Albert Avenue, Edgar Street, Binning Street, Main Street, Elma Street, Victoria Avenue, Fern Place and the walking Trail. Over 3.124 lane km of residential street reconstruction is included in the project.	\$7,583,180	\$0	Complete
Local Roads and Bridges	North Stormont, Township of	Road Reconstruction - MacMillans Corners Rd	Road reconstruction of 2 km of MacMillans Corners Rd. Work involved double surface treatment and cross pipe improvements.	\$261,843	\$261,843	Complete
Local Roads and Bridges	North Stormont, Township of	Surface Treatment Overlay - Eighth Rd, Tolmies Corners Rd & Concession 21	A surface treatment overlay was placed on 1.4 km of Eighth Rd (from Dewar to the CN Railway tracks), 6 km of Tolmies Corners Rd (from Redtown to Moose Creek Village), and Concession 21.	\$235,427	\$235,427	Complete
Local Roads and Bridges	North Stormont, Township of	Asphalt Overlay of Multiple Streets	An asphalt overlay was placed on 20 lane-km of Goldfield Rd, Dewar Rd, and Tolmies Corners Rd.	\$41,810	\$21,810	Complete
Local Roads and Bridges	Northeastern Manitoulin and the Islands, Town of	Rehabilitation of Green Bay Road	The Town is digging out, rebuilding and resurfacing 16.8 lane-km of Green Bay Road.	\$90,000	\$57,507	Complete
Local Roads and Bridges	Northeastern Manitoulin and the Islands, Town of	Sidewalk Construction on Draper St	New sidewalk is being constructed on Draper St beside the school. The new sidewalk will allow children to travel safely to school and back every day.	\$105,000	\$70,890	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Northern Bruce Peninsula, Municipality of	Micro Surfacing Eagle Road and Cape Hurd Road	Approximately 7 km of the existing gravel and tar and chip roadways on Cape Hurd Road and Eagle Road were rehabilitated/resurfaced with micro surface material. Micro surfacing produces a harder surface that will extend the useful life of the road section thus reducing the annual maintenance costs, improved fuel economy, and reduce fuel emissions.	\$153,832	\$120,000	Complete
Local Roads and Bridges	Northumberland, County of	Rehabilitation of County Roads 8 and 74	County Road 74 is being pulverized and is receiving an application of 100 mm asphalt to increase the GBE road base strength (this is utilized as our 401 Detour Route). County Road 8 is also being pulverized, and is receiving crossfall corrections and drainage improvements. Approximately 18.8 lane-km of road are being rehabilitated in total.	\$3,422,991	\$2,949,055	Complete
Local Roads and Bridges	Norwich, Township of	Pulverizing and Paving East Street	East Street in Eastwood was pulverized and paved from Highway 2 to Oxford County Road 55 (0.40 km). This section was identified in our road needs study.	\$53,313	\$21,711	Complete
Local Roads and Bridges	Norwich, Township of	Pleasant Valley Road - Partial Depth Reconstruction - Oxford 13 to Middletown Ln	Per the latest roads needs study, sections 050 of Pleasant Valley Road was reconstructed on a partial depth basis. The length of road resurfaced is 3.7 km with a surface type of Low Class Bituminous (HCB). These sections had a condition rating of 3, meaning poor structural condition and substantial improvement needed throughout total road system. The annual average daily traffic count across this section is 439.	\$541,010	\$316,500	Complete
Local Roads and Bridges	Oakville, Town of	Road Resurfacing and Preservation	The town is resurfacing 9.25 km of road segments to improve quality, reduce maintenance costs and prolong the life of the pavement structure. Improved pavement quality promotes more efficient vehicle operation, reduced air pollution and extends the life cycle of this asset.	\$5,050,000	\$2,000,000	Ongoing
Local Roads and Bridges	Oakville, Town of	Bridge Rehabilitation - Royal Windsor Drive at the Metrolinx Crossing	The rail bridge at Royal Windsor Drive was constructed in 1955. Rehabilitation work (structural steel repairs) are being completed in accordance with the findings of the biannual bridge inspection program.	\$5,051,000	\$95,660	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Oakville, Town of	Resurfacing Multiple Roads	Rehabilitation of roadway pavements to improve pavement quality, reduce maintenance costs and prolong the life of the pavement structure. Improved pavement quality promotes more efficient vehicle operation, reduces air pollution and extends the lifecycle of this key town asset. This project involves the rehabilitation of approximately 24.0 centreline kilometres (48.96 lane-km) of roadway.	\$10,698,000	\$0	Ongoing
Local Roads and Bridges	Oakville, Town of	Bridge Rehabilitation - Warminster Drive at 14 Mile Creek	The 16.8 m bridge over 14 Mile Creek at Warminster Drive and 0.2 km south of Bridge Road is in need of replacement and rehabilitation. A detail condition assessment was completed and identified that the entire bridge deck (area of 184.8 sq. m) would need to be replaced as part of the overall rehabilitation of the structure. Rehabilitation of the bridge will also include concrete patch work, sidewalk, and railing repair.	\$1,674,000	\$44	Ongoing
Local Roads and Bridges	Oakville, Town of	Reconstruction and Widening of Speers Road (from West of 3rd Line to 4th Line)	Reconstruction and widening of Speers Road from west of 3rd Line to 4th Line. The current roadway does not effectively support alternative travel modes; its current operation is frustrated by the absence of a centre turn lane and access points to/from adjoining lands. Improvements are necessary to incorporate all modes of travel within the corridor, address safety concerns, operational inefficiencies and ride quality.	\$30,744,000	\$0	Complete
Local Roads and Bridges	Oakville, Town of	Road Rehabilitation and Widening - Sixth Line N of Dundas	Reconstruction and widening of Sixth Line with improvements to urban standards with streetlights, traffic signals, storm sewers, boulevard landscaping, on-street cycle lanes and boulevard trails/sidewalks. The improvements are necessary to address all modes of travel demands within the corridor and improve the function of the intersections over its length as development proceeds northerly from Dundas Street. Construction will extend from Dundas Street to William Halton Parkway.	\$32,851,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Oakville, Town of	Construct grade separation of Kerr Street & 3 Canadian National Railway main lines	Construction of the new Road/Rail Grade Separation as outlined in the Environmental Assessment Study. This project will deliver an improved travel corridor and eliminate the safety issues associated with high volume level crossing points. This eliminates the need for pedestrian, cyclist and vehicular traffic to stop and wait while a train is occupying and/or crossing, thereby reducing greenhouse gas emissions and improved travel times for the public.	\$65,544,000	\$0	Ongoing
Local Roads and Bridges	O'Connor, Township of	Resurfacing of Strom and Blaikie Road	Resurface 1.6km of Strom Road and 3.5km of Blaikie road with Granular A and Calcium in order to improve road surface stabilization and safety.	\$79,886	\$77,865	Complete
Local Roads and Bridges	Oil Springs, Village of	Resurfacing of Plank Rd South, Oil Springs Line, Kelly Rd and Gypsie Flats Rd	Four roads - Plank Rd South, Oil Springs Line, Kelly Rd and Gypsie Flats Rd - totaling 3.75 km in length - are being excavated and resurfaced. The scope of work involves pulverizing existing tar and chip asphalt, placing and compacting the granular base, placing sub-drainage along both sides of road, and placing asphalt in two lifts.	\$916,879	\$20,551	Complete
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	Kuusisto and McKenzie Road Surface Treatment	This expansion project will see the application of a surface treatment that will improve drainage, correct crossfalls and convert gravel to chip sealing. Total km completed are 2.787, from from Hwy 102 to the Dead End.	\$129,699	\$129,699	Complete
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	McClaren Road Surface Treatment	McClaren Road received a surface treatment between 25th Side Road and the dead end (2.073 km). This project will contribute to the expansion of the Municipality's surface treated road network.	\$106,987	\$58,900	Complete
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	Millar Heights Surface Treatment	Expansion of the Municipality's surface treatment network for 2.79 km.	\$88,692	\$81,470	Complete
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	Pineview Rd Surface Treatment	Expansion of the Municipality's surface treated road network. Total km completed for this project was 2.027, on Hwy11/17 and Poleline.	\$113,790	\$88,667	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	McNally Dr Surface Treatment	Expansion of the Municipality's surface treated road network on McNally Drive with a total surface treatment of 1.636 km, between Veley Lane and Maki Rd.	\$85,949	\$78,955	Complete
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	Point de Meuron Road Surface Treatment	This project is preventative in nature, and will see the application of a surface treatment on Point de Meuron Rd between Poleline and Oliver Rd. Total of 1.529km completed.	\$36,665	\$35,857	Complete
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	Boulter Road Surface Treatment	Boulter Road surface treatment, between Poleline Road and Oliver Road. This work is being completed as a preventative measure along of 1.815 km of roadway.	\$40,976	\$40,722	Complete
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	Poleline Road Surface Treatment	Reconstruction of Poleline Road between Hwy 11/17 and Mining Rd with surface treatment for a total of 3.713 km.	\$183,293	\$123,862	Complete
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	Candy Mountain Drive Surface Treatment	This project is preventative in nature, and will see the reconstruction of a key Municipal Roadway. Candy Mountain Drive is receiving a surface treatment from Monteith to Aspen, for a total of 2.48 km.	\$98,852	\$98,852	Complete
Local Roads and Bridges	Orangeville, Town of	Tideman Drive Bridge Rehabilitation	The Tideman Street Culvert was built in 1976 and the 2018 Biennial Inspection Report identified this structure for rehabilitation to preserve the structure and extend the useful service life. Scheduled work includes upgrades to the railing system, repair of longitudinal distress cracks, concrete abutments/wingwalls, localized concrete spalling and reinforcing, removal of wearing surface, application of water proofing membrane and some localized in stream works to remove sediment.	\$232,602	\$105,406	Complete
Local Roads and Bridges	Orangeville, Town of	Dawson Road Culvert Rehabilitation	The Dawson Road culvert was built in 1965 and has been identified for rehabilitation in the 2018 Biennial Inspection Report. The structure is showing signs of moisture penetration and concrete deterioration. The rehab work includes removing & replacing the severe localized spalling to address the exposed primary reinforcing steel; rehabilitation of longitudinal cracks and cracking at the ends of the deck; updating guard rails and approaches etc.	\$323,754	\$251,597	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Orangeville, Town of	Faulkner Street Reconstruction - Westminster Lane (2E2) to Elizabeth	The Roads Needs Study has identified this section of Faulkner to be a priority due to the poor condition of the road surface and the structural rating of the road. The water and sewer mains have reached their life expectancy and are in need of replacing. This requirement has been identified by the Asset Management Plan. □ □ Completion of this project will increase financial and operational efficiencies while improving the Town's infrastructure.	\$973,034	\$0	Complete
Local Roads and Bridges	Orillia, City of	Centennial Drive Area Improvements	The project includes replacement of sanitary sewers between the existing pump station on Elgin St and the new pump station to redirect flows to the new pump station; the construction of a new force main from the pump station to Front St S; construction of a gravity sanitary sewer on the Esplanade between Elgin St and Mississaga St E for future extension to serve the waterfront development lands in the area of 70 Front St N; and reconstruction of Elgin St between Front St S and Cedar Island Rd.	\$10,600,000	\$0	Ongoing
Local Roads and Bridges	Orillia, City of	Reconstruction and Design of Bleeker Street	The project involves the design and reconstruction of Bleeker St. from Colborne St. West to McKinnell Street (approx. 180 m). Work involves the replacement of the existing 74 year old, 200 mm, sanitary sewer made from clay pipes, addresses the deteriorated condition of the road surface and sidewalk, and creates an urban road profile with curbs and gutters connected to the new storm sewers (replacing the existing asphalt lined ditches and incorporating low impact LID technologies where possible).	\$1,000,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Orillia, City of	Reconstruction of Front St (Neywash St from Colborne St E to Laclie St)	The project involves the reconstruction of Front Street and Neywash Street from Colborne Street East to Laclie Street. This is the second phase of a two phase project. The project will address the deteriorated condition of the road surface and provide improvements to existing servicing infrastructure. It will also provide an opportunity to relocate the existing sanitary sewer from the waterfront area to eliminate design and future development constraints for Centennial Drive.	\$9,500,000	\$262,000	Complete
Local Roads and Bridges	Orillia, City of	Reconstruction of Front St South from Queen St E to Colborne St E	Reconstruction of Front St South from Queen St East to Colborne St East (530 m) complete with wider boulevards for improved pedestrian access. Water, sanitary sewer, stormwater sewer, streetlights, and traffic signals are being replaced. The Project will also involve replacement of streetlights, traffic signals, underground servicing and the installation of a trunk sanitary sewer.	\$6,500,000	\$0	Complete
Local Roads and Bridges	Orillia, City of	Widening of West Street South between James Street West and Highway 12	This project involves widening West Street South between James Street West and Highway 12 (550 m) from two lanes to four lanes to match the existing cross-section to the north and provide the continuation of four lanes through to the highway. Also included is a Municipal Class Environmental Assessment (MCEA) and Detail Design.	\$450,000	\$0	Ongoing
Local Roads and Bridges	Orillia, City of	Highway 12 Widening - West Ridge to Hwy 11	The project involves improving traffic flow in a busy commercial corridor - specifically, adding second turn lanes at three locations, modifying traffic signals at two intersections, and related road reconstruction to accommodate realigned roads.	\$5,335,000	\$0	Complete
Local Roads and Bridges	Oro-Medonte, Township of	Rehabilitating Six Streets in Medonte Hills	As identified in the Township's Asset Management Plan, six residential streets within Medonte Hills had exceeded their reasonable lifespan and were in need of resurfacing. Work involved pulverizing the existing surface, placing additional granular material, and repaving. The rehabilitation was essential to the revitalization of our community and enhanced accessibility for residents.	\$568,295	\$568,295	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Oro-Medonte, Township of	Rehabilitation of Line 12 - Mt St Louie Rd to Hwy 12	As identified in the Township's Asset Management Plan, the section of Line 12 running from Mount St. Louis Road to Highway 12 had exceeded its reasonable lifespan and was in need of resurfacing. Work involved pulverizing the existing surface, placing additional granular material, and repaving. The rehabilitation was essential to the revitalization of our community and enhanced accessibility for residents.	\$363,333	\$363,333	Complete
Local Roads and Bridges	Oshawa, City of	Rehabilitation of Bridges on Gibb St and Simcoe St S	Bridges on Simcoe St S (60 m north of Valley Dr) and Gibb St (230 m west of Thornton Rd S) were identified for rehabilitation in the City's Biennial OSIM municipal structure inspection program. Rehabilitation ensures safe passage over their respective watercourses and reduces maintenance costs.	\$120,000	\$21,258	Ongoing
Local Roads and Bridges	Oshawa, City of	Replacement of Bridges on Howden Rd W and in Erie Park	Bridges on Howden Rd (760 m east of Thornton Rd) and in Erie Park (crossing Oshawa Creek 50 m south of Bloor St W) were identified for replacement in the City's Biennial OSIM municipal structure inspection program. Replacement in a timely manner ensures safe passage over their respective watercourses and reduces maintenance costs.	\$240,000	\$0	Ongoing
Local Roads and Bridges	Oshawa, City of	Removal and Replacement of Sidewalk	Deficient sidewalk slabs were removed and replaced throughout the City. Sections were identified for replacement through the City's annual sidewalk inspection program; these sections were found to fall short of minimum maintenance standards and the City's Quality Standard. Replacement of the City's sidewalk assets ensures that pedestrians have a safe path of travel and reduces the City's risk of trip and fall claims.	\$400,000	\$343,156	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Oshawa, City of	Asphalt Preservation and Rehabilitation	The 6.52 km of roads comprising this project are at different points in their life cycle and require appropriate treatment to prolong their life and avoid premature failure. In addition to addressing pavement deficiencies, high-risk deficiencies on ancillary right-of-way assets such as curb, gutter and sidewalks are also being addressed. This assists in prolonging the life of the roadway and it promotes a safe driving and walking experience for residents.	\$2,123,220	\$1,268,956	Ongoing
Local Roads and Bridges	Oshawa, City of	Cycling Network Rehabilitation	The City is reconstructing 1,060 m of cycling lanes and trails. Reconstruction of deteriorated sections of the cycling network and paving of granular areas of the trail network are required to maintain safety, improve accessibility, and reduce maintenance costs, as noted in the Active Transit Master Plan.	\$136,123	\$45,597	Ongoing
Local Roads and Bridges	Oshawa, City of	Sidewalk Replacements in Multiple Locations	Removal and replacement of 1,500 m of identified deficient sidewalks throughout the City.	\$400,000	\$0	Ongoing
Local Roads and Bridges	Oshawa, City of	Resurfacing and Rehabilitation of Multiple Streets	This project protects the City's road infrastructure from premature deterioration and extends its useful life. It includes removal and resurfacing of asphalt and rehabilitation of deficient curbs & gutters and sidewalks to restore the quality of the road. A total 8,695.4 m of road are being rehabilitated.	\$3,131,000	\$231,986	Ongoing
Local Roads and Bridges	Oshawa, City of	Design & Structure Replacement of Culvert on Columbus Road	Replacement of culvert located on Columbus Road with a 12 metre concrete pipe.	\$542,170	\$13,795	Complete
Local Roads and Bridges	Oshawa, City of	Design & Structure Replacement of Culvert on Wilson Road North	Replacement of culvert on Wilson Road North 90 m south of Columbus Road East with a 20 m corrugated steel pipe.	\$73,000	\$0	Ongoing
Local Roads and Bridges	Oshawa, City of	Design & Structure Replacement of Two Culverts on Hillcroft Street	Replacement of two culverts on Hillcroft Street with corrugated steel pipe located 200 m west of Wilson Rd N with a 45 m pipe and 10m north of Central Park Blvd N with a 67m pipe.	\$1,698,000	\$50,606	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Oshawa, City of	Design & Structure Replacement of Culvert on Darcy Street	This project is for the design and structure replacement of a culvert located on Darcy Street.	\$3,424,817	\$0	Ongoing
Local Roads and Bridges	Oshawa, City of	Preventative Pavement Preservation of Multiple Streets	Preservation of 94,024 m of pavement to keep assets in a state of good repair and improve the safety and reliability of the City's roadways. Regular inspection and analysis of surface ages identifies candidates for treatment.	\$304,964	\$35,797	Complete
Local Roads and Bridges	Oshawa, City of	Resurfacing and Rehabilitation of Multiple Streets	This project protects the City's road infrastructure from premature deterioration and extends its useful life. It involves removal and resurfacing of asphalt, as well as rehabilitation of deficient curbs, gutters and sidewalks to restore the quality of the road. A total of 3,889 m of road are being rehabilitated.	\$2,555,240	\$103,256	Ongoing
Local Roads and Bridges	Oshawa, City of	Design & Replacement of Culvert on Mayfair Avenue	This project is for the design and structure replacement of a culvert located on Mayfair Avenue.	\$862,000	\$101,030	Ongoing
Local Roads and Bridges	Oshawa, City of	Sidewalk Reconstruction on Harmony Road North	Reconstruction of 1,980 m of sidewalk on Harmony Road North to be completed in conjunction with the Region of Durham road work.	\$225,000	\$0	Ongoing
Local Roads and Bridges	Oshawa, City of	Replacement & Rehabilitation of Sidewalks in Multiple Locations	To remove and replace 1,250 m of deficient sidewalk slabs throughout the City as identified through annual inspections of the deteriorating active transportation network affected by cracking, heaving, asphalt patching, and ponding, and to comply with design standards.	\$419,479	\$0	Complete
Local Roads and Bridges	Oshawa, City of	Design and Reconstruction of Harmony Creek Trail	Design and reconstruction of 70 metres of Harmony Creek Trail at Adelaide Avenue underpass. The trail is being replaced with asphalt and concrete.	\$1,078,335	\$619,168	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Otonabee-South Monaghan, Township of	Drummond Line Reconstruction - Highway 7 to County Rd 2	The scope of the work involves soil testing, brushing and tree removal, ditching to address sightline deficiencies, replacement of entrance culverts and cross culverts, road pulverization, addition of 3-4" of gravel for shaping, and two applications of surface treatment. The wider road surface will reduce maintenance of gravel shoulders, reducing liability due to shoulder rutting. The main objective of this project is a complete rehabilitation for better drainage of water.	\$1,055,626	\$356,540	Complete
Local Roads and Bridges	Ottawa, City of	Rehabilitation and Renewal of Bridges on the Trillium Line	Work involves engineering and construction activities relating to the rehabilitation of various Trillium Line structures (overpasses on Albert St, Beech St, Heron Rd, Riverside Dr, Walkley Rd, and Confederation Heights) to address deficiencies and to extend their service life. The size and complexity of the projects vary considerably. The activities are scheduled based on needs identified through the structures' asset management programs.	\$10,280,000	\$3,200,000	Ongoing
Local Roads and Bridges	Ottawa, City of	City Wide Road Resurfacing	Resurfacing approximately 69 centreline-km of east and central urban roads, west and east rural roads, Woodroffe Ave, Frank Kenny Rd, Navan Rd, and Bank St watermain. This project is in line with the City's comprehensive asset management practices; work improves the condition of the roadways, focusing on higher class freeways, arterial and collector roads that serve the greatest volume of traffic, carry City buses, and are designated truck routes.	\$37,090,000	\$25,680,000	Ongoing
Local Roads and Bridges	Ottawa, City of	City Wide Road Resurfacing	Resurfacing approximately 67 km of east and central urban roads, west and east rural roads, and Riverside Dr. This project is in line with the City's comprehensive asset management practices; work improves the condition of the roadways, focusing on higher class freeways, arterial and collector roads that serve the greatest volume of traffic, carry City buses, and are designated truck routes. Resurfacing reduces maintenance requirements, noise, vibration issues and driver/rider discomfort.	\$41,617,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Owen Sound, City of	Asphalt Resurfacing of Various Local Roads	The City is resurfacing 7.12 lane-km of roadway to rejuvenate hot mix asphalt surfaces and extend the expected service life of roads throughout the City. Work includes the replacement of curb and sidewalk infrastructure where required.	\$732,295	\$732,295	Complete
Local Roads and Bridges	Owen Sound, City of	16th St East Resurfacing and Reconstruction	To rehabilitate the road and structures along 16th St E/Highway 26 (from 9th Ave E intersection to 90 m west of 18th Ave E). Additional work involves watermain replacement from 60 m east of 12th Ave E to 16th Ave E (490 m), sanitary sewer replacement on 16th Ave E from 14th St E to 16th St E (155 m) and new sidewalk construction from 14th Ave E/Wendy's Restaurant driveway to 49 m west 16th Ave E/Pioneer Petroleum driveway (255 m).	\$2,405,000	\$193,605	Complete
Local Roads and Bridges	Owen Sound, City of	Brooke Basin A-3 Master Plan & Replacement/Rehabilitation of Culverts	Municipal Class EA for Brooke Area Storm Drainage Basin A3 prior to rehab/replacement of the deficient structures. A concrete reinforced box culvert(load posted), two deteriorated corr. steel pipes, a concrete culvert/bridge remnant in poor condition on 6th Ave W at 21st St W are being replaced. A concrete reinforced culvert and storm sewer inlet on 19th St W between 4th Ave W & 5th Ave W are being rehabilitated and partially replaced. The storm sewer drains easterly and discharges into the bay	\$775,000	\$0	Ongoing
Local Roads and Bridges	Oxford, County of	Rehabilitation of Bridge on Parkinson Road Woodstock	Rehabilitation of bridge structure 15083 located in the City of Woodstock along Parkinson Road and spanning Cedar Creek. Work includes design, engineering, inspection and contract admin. The scope of work will include reconstruction of sidewalks, parapet walls, patch work, waterproofing, and hot-mix asphalt paving of the deck top; jacking and patching of girder and at abutments, and reconstruction of expansion joints.	\$1,105,265	\$1,042,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Oxford, County of	Rehabilitation of County Road 29	Rehab of CR 29 from Hwy 401 to CR 36, excl the village of Drumbo (10.4 km). Work includes design, engineering, inspection and contract admin. Scope includes cold in-place recycling of existing pavement, application of a new lift of 50mm HL4 hot-mix surface asphalt, new granular shouldering, and final pavement markings. Outcomes of the work completed includes improvements to ride, drainage, travel times, fuel consumption, renewed pavement condition index and asset lifecycle.	\$2,198,793	\$2,114,000	Complete
Local Roads and Bridges	Oxford, County of	Rehabilitation of County Road 54 - Phase 1	Rehab of CR 54 (Huron St) from CR 35 (Devonshire Ave) to Hughson St (0.9 km). Segment selected from the Roads Needs Study in conjunction with the Asset Management Program. Work includes design, engineering, inspection and contract administration. Scope of work includes, full depth asphalt pavement removal and replacement, cross-section reconfiguration, curb & gutter and miscellaneous surface restoration work.	\$2,027,326	\$1,490,000	Complete
Local Roads and Bridges	Peel, Region of	Construction of a Multi-Use Trail along Steeles Avenue from McLaughlin Road to Lancashire Lane	Construction of approximately 1.03 km of multi-use pathway (MUP) along Steeles Avenue between McLaughlin Road and Lancashire Lane, in the City of Brampton. This MUP increases urban active transportation options.	\$1,082,150	\$51,940	Ongoing
Local Roads and Bridges	Peel, Region of	Construction of Bicycle Accessible Paved Shoulders along Olde Base Line Rd (Heart Lake to Kennedy)	Construction of approximately 1.40 km of paved shoulders along Olde Base Line Road between Heart Lake Road and Kennedy Road, in the Town of Caledon. Paving the shoulders to the necessary width, per industry guidance, is required to support signing the paved shoulders as part of the Town of Caledon's bike route. The 2.0 m wide paved shoulders increase active transportation options.	\$260,000	\$219,714	Ongoing
Local Roads and Bridges	Peel, Region of	Construction of Sidewalk and Multi-use Trail along Dixie Rd (from Primate to Londonderry)	The construction of approximately 940 m of east side sidewalk and 840 m of west side multi-use trail along Dixie Road (from Primate Road to Londonderry Boulevard). This sidewalk and trail increase urban transportation options.	\$2,240,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Peel, Region of	Crossing Upgrades at Various Locations Where the Caledon Trailway Intersects Regional Roads	The upgrade of seven (7) intersections where the Caledon Trailway crosses the following regional roads: Winston Churchill Boulevard, Mississauga Road, Olde Base Line Road, Airport Road, Old Church Road, The Gore Road and Highway 50. These upgrades, based on industry guidance, provide trail users with safer crossings, encouraging active modes of transportation.	\$200,000	\$0	Ongoing
Local Roads and Bridges	Peel, Region of	Construction of a Multi-Use Trail on Erin Mills Parkway from Burnhamthorpe Road to Dundas Street	The construction of approximately 1.8 km of multi-use trail on the west side of Erin Mills Parkway (from Burnhamthorpe Road to Dundas Street), including crossing treatments at the intersections of South Millway and the Collegeway. This trail increases urban transportation options.	\$1,050,000	\$0	Ongoing
Local Roads and Bridges	Peel, Region of	Construction of Regional Trail Corridor 1, South of QEW	This is a cost-shared project with the City of Mississauga to construct a 9 km long multi-use trail within the Lakeshore Royal Windsor Hydro One Corridor. The trail provides people with recreational opportunities and connections to other areas and trails in Mississauga.	\$2,360,000	\$0	Complete
Local Roads and Bridges	Peel, Region of	Pedestrian/Bicycle Bridge Crossing at QEW & Credit River	Design and construction of an active transportation bridge crossing (for pedestrians and cyclists) running north-south and east-west at the QEW and Credit River in partnership with the City of Mississauga. The crossing will become an important part of the active transportation network - along with the Culham Trail running north-south from the QEW, and the east-west Lakeshore-Royal Windsor Trail - traversing the City of Mississauga from Halton Region to the City of Toronto.	\$530,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Peel, Region of	Construction of Multi-Use Trails/Sidewalks/Bike lanes	Design and construction of 2.1km multi-use trails on Derry Road-Argentia to Millcreek and on Airport Road-Countryside to Mayfield. Improved lighting, signage and traffic signals/road crossing enhancements on trails of Britannia Rd, Erin Mills Parkway to Winston Churchill Boulevard. Construction of 1.36km sidewalks on Derry Road-Rexwood to Highway 427 and Dixie Road-Derry to Courtneypark. Design & implementation of a buffered 1.5km bike lane on Dixie Road-Lakeshore to just south of the QEW.	\$1,673,929	\$0	Ongoing
Local Roads and Bridges	Pelee, Township of	Bridge Replacement - Parsons Road and West Pump Road	The replacement of the Parsons Road bridge and rehabilitation of Centre Dyke Road which is experiencing major bank failures negatively impacting the municipal drainage system. This is a major public safety concern affecting bridges, roads, and wastewater.	\$2,361,700	\$0	Ongoing
Local Roads and Bridges	Pelham, Town of	Bridge Replacement on Sixteen Road	The existing culvert steel pipe culverts had reached the end of their useful lives and required replacement. The pipes were therefore replaced with Weholite HDPE pipes with an extended useful life expectancy.	\$600,000	\$493,064	Complete
Local Roads and Bridges	Pelham, Town of	Road Reconstruction - Pelham Street: College Street to Port Robinson Road	Pelham St is being reconstructed to correct drainage issues on College St and Port Robinson Rd.	\$1,079,519	\$0	Complete
Local Roads and Bridges	Pelham, Town of	Pelham Street North Reconstruction	Project includes new Stormwater Management Facility upgrades on Shorthill Pl and approximately 0.55 km of urbanized road reconstruction on Pelham St, Hurricane Rd and Chestnut St. Also included is the installation of storm sewers (250 to 900 mm diameter) along Pelham St, Hurricane Rd and Shorthill Pl to the Stormwater Management Facility, alleviating flooding on Broad St and Hurricane Rd and resulting in the elimination of roadside ditches and swales in the municipal road allowance.	\$2,545,568	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Pembroke, City of	Douglas Street Resurfacing	Construction consisted of ditching and culvert works, removal of existing asphalt, placement of granular material and subsequent grading for proper drainage and the placement of two lifts of asphalt over 0.56 lane-km of road. Prior to construction, the Pavement Condition Index (CPI) of this road was an average of 60. The PCI is now 100.	\$56,155	\$50,000	Complete
Local Roads and Bridges	Pembroke, City of	Cecil Street Resurfacing	Construction consisted of ditching and culvert works, removal of existing asphalt, placement of granular material and subsequent grading for proper drainage and the placement of two lifts of asphalt over 0.86 lane-km of road. Prior to construction, the Pavement Condition Index (PCI) varied between 55 and 67 (considered "Fair"). The PCI is now 100.	\$115,257	\$86,375	Complete
Local Roads and Bridges	Pembroke, City of	Bronx Street Resurfacing	Construction consisted of ditching and culvert works, removal of existing asphalt, placement of granular material and subsequent grading for proper drainage and the placement of two lifts of asphalt over 0.32 lane-km of road. Prior to construction, the pavement condition index (PCI) of this section of road was 39 (considered "very poor"). The PCI is now 100.	\$34,214	\$34,214	Complete
Local Roads and Bridges	Pembroke, City of	Reconstruction of Howard St and Nelson St to Pembroke St E	Approximately 2 km of Nelson St is being reconstructed. Works include twinning an existing sanitary forcemain, replacing water and storm, installing new sidewalks and storm in previously unserviced areas, and complete road reconstruction. □ Nelson St is one of only two east-west arterials and has high traffic volumes (in excess of 11,000 vehicles per day). Work will improve the condition of the road, increase storm drainage capabilities, and result in AODA-compliant sidewalks along the road.	\$10,723,111	\$663,997	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Penetanguishene, Town of	Chatham Street Reconstruction from Beck Boulevard to Brock Street	Reconstruction involves the replacement of aging infrastructure - and particularly water, stormwater, and sanitary systems. The municipal road allowance is additionally being brought up to current standards and will include a designated parking lane and sidewalk, along with new asphalt and curbs.	\$2,348,311	\$402,410	Ongoing
Local Roads and Bridges	Perry, Township of	Scotia Road Rehabilitation	The rehabilitation of Scotia Rd involves removal of the existing surface, the application of granite, paving with HL4 asphalt, and replacement of the existing guiderail with a new steel beam guiderail. Surface treatment patching was conducted in 2013 and the existing surface was beyond further repair and patching. □ □ This road is used by residents and visitors to access the mid portion of the Township from Hwy 11. The road is also an alternate detour route between Hwy 11 and Hwy 592.	\$163,800	\$156,039	Complete
Local Roads and Bridges	Perth East, Township of	Conversion of Line 33 from Gravel to Pavement	The surface of Line 33 was upgraded from Perth Road 107 westerly to Oxford Perth Boundary. Work involved adding gravel to the base and changing small diameter road crossing pipes to improve roadside drainage. Paving the road provides residents living on this road segment with a smooth driving surface while eliminating the production of dust.	\$1,202,766	\$373,822	Complete
Local Roads and Bridges	Perth East, Township of	Rural Paving of Line 67	Line 67 was paved from Perth Road 131 to Perth Road 121. Work involved applying a 50 mm hot-mix asphalt overlay from Perth 131 to Perth 121, and adding two 50 mm lifts on the gravel section from Perth 121 to Road 116, converting this block from gravel to asphalt, extending on Road 116 south to Streicher Line. Paving the road provides residents living on this road segment with a smooth driving surface, eliminates the production of dust, and ensures that the asset meets its expected useful life.	\$770,235	\$388,860	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Perth South, Township of	Reconstruction of Line 15 - Hwy 7 to Road 122	Reconstruction of Line 15 between Road 119 (also known as Ontario Highway 7) and Road 122 involves drainage improvements, culvert replacement, and application of a new hot mix asphalt surface. The existing Line 15 asphalt road and culverts were at the end of their useful life and their condition had deteriorated to the point where reconstruction and replacement were required to maintain a safe and reliable roadway for the public.	\$200,933	\$122,804	Complete
Local Roads and Bridges	Perth, County of	Rehabilitation of Perth Line 33	The County recycled and repaved Perth Line 33 from Perth Road 107 to the City of Stratford limits (a total length of 9.4 km). This section of road had a condition rating of very poor to fair and is now rated as a 100 on the pavement condition index.	\$1,870,154	\$1,658,981	Complete
Local Roads and Bridges	Perth, County of	Rehabilitation of Perth Road 121 North	The County recycled and repaved Perth Road 121 from 175 m south of Perth Line 72 (east) to Perth Line 86 (a total length of 10.6 km). Roadside drainage was also improved within the project limits in the village of Millbank. This section of road had a condition rating of very poor to fair and is now rated as a 100 on the pavement condition index.	\$2,120,603	\$1,831,800	Complete
Local Roads and Bridges	Perth, County of	Resurfacing Perth Line 86 East	The County is resurfacing Perth Line 86 from Perth Road 131 east to Dorking (7.5 km). This section of Perth Line 86 is a boundary road with Wellington County. This section of road had a condition rating of very poor to fair and is now rated as a 100 on the pavement condition index.	\$1,341,582	\$0	Complete
Local Roads and Bridges	Perth, County of	Rehabilitation of Road 112	The County is recycling and repaving Road 112 from Stratford to Perth Line 26 (4 km). A portion of the road is also being regraded south of the intersection with Line 29 (using cut and fill operations); this portion is not being recycled, but is receiving two lifts of hot mix asphalt. This section of road had a condition rating of very poor to fair and is now rated as a 100 on the pavement condition index.	\$519,750	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Perth, County of	Rehabilitation of Road 113	The County is recycling and repaving Perth Road 113 from Stratford to the Oxford County Boundary (7.58 km). This section of road had a condition rating of very poor to fair and is now rated as a 100 on the pavement condition index.	\$1,450,323	\$0	Complete
Local Roads and Bridges	Perth, Town of	Sidewalk Replacement - Wilson St from Halton St to South St	Sidewalks on Wilson St from Halton St to South St were replaced to improve accessibility.	\$122,824	\$100,920	Complete
Local Roads and Bridges	Petawawa, Town of	Portage Road Reconstruction	This project involves the reconstruction of Portage Road from Petawawa Blvd westerly 0.5 km to Scott Avenue. Works include clearing and grubbing, paving and grading, concrete curbs and concrete sidewalks, sanitary sewer installation, storm sewer works, water works, landscaping, electrical pedestrian crossover, site restoration and line painting. This project will address sanitary sewer deficiencies, rehabilitate water and storm systems, and install necessary sidewalks and multi-use pathways.	\$3,518,139	\$520,252	Complete
Local Roads and Bridges	Petawawa, Town of	Airport Road Rehabilitation - Phases 1 to 3	Three sections of Airport Rd are being rehabilitated in phases. The first runs from Petawawa Blvd to 300 m west Biesenthal Rd (just under 1 km), the second continues west to Len Hopkins Dr (1.1 km), and the third continues west to Doran Rd (755 m). These sections were prioritized for rehabilitation following a condition assessment in 2018 due to the frequency of potholes. Work improves the condition of the road, improves drainage, and adds a paved shoulder for active transportation.	\$1,620,086	\$519,165	Ongoing
Local Roads and Bridges	Peterborough, City of	Road Pavement Preservation and Surface Rehabilitation - Multiple Locations	The project involves the installation and adjustments of frames, covers and grates, curb removal, curb re-installations, grinding of asphalt, application of emulsified asphalt tack coat, installation of hot mix asphalt and the application of pavement markings in various locations throughout the City. On some roads, the project involves treatment methods to rehabilitate the road surface condition, including resurfacing, tar and chip treatment and overlay.	\$12,091,500	\$1,679,287	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Peterborough, City of	Extension of Crawford Drive to Harper Road	The project scope includes the closure of Crawford Drive west of the Harper Road Intersection and construction of a new connection from Crawford Drive to Harper Road northwest of the new Casino / Hotel development lands. The works are subject to an external servicing agreement with the Developer.	\$14,000,000	\$0	Ongoing
Local Roads and Bridges	Peterborough, City of	New Sidewalk Installation on Armour Rd and Wildlark Gate	The project involves the installation of approximately 300 m of new concrete sidewalk on the west side of Armour Road fronting Thomas A. Stewart Secondary School including a pedestrian crossover, two transit pads and a bus shelter. The project also includes the installation of approximately 70 m of new concrete sidewalk on the west side of Wildlark Gate.	\$742,054	\$0	Complete
Local Roads and Bridges	Peterborough, City of	Road Resurfacing on Multiple Streets	The project involves grinding of asphalt, installation/adjustments of frames, covers and grates, application of emulsified asphalt (tack coat), installation of hot mix asphalt and the application of pavement markings to 4.1 km of roadway.	\$4,135,930	\$0	Ongoing
Local Roads and Bridges	Peterborough, City of	Moorecraig Road and Roper Drive Reconstruction	The project covers the reconstruction and urbanization of Moorecraig Road and Roper Drive from Wallis Drive to a point 30 metres west of Moorecraig Road (385 metres) including the installation of concrete curb, storm sewer (721 metres), sanitary sewer (590 metres) and tree plantings.	\$3,000,000	\$240,916	Ongoing
Local Roads and Bridges	Peterborough, City of	Lansdowne Street Multi-use Trail - River Rd to Ashburnham Rd	A 680 metre asphalt multi-use trail will be built on the south side of Lansdowne Street from River Road to Ashburnham Drive, connection to the trail on the west side of Ashburnham Drive.	\$1,052,481	\$0	Complete
Local Roads and Bridges	Peterborough, City of	Chemong Rd N Urbanization - Milroy Drive to North City Limit	The urbanization of Chemong Road north of Milroy Dr to the north City limits (500 m) involves the installation of curbs, gutters, sidewalks, and storm sewers and pavement rehabilitation.	\$3,550,000	\$462,010	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Peterborough, City of	Reconstruction of Chemong Rd - Parkhill to Parkway Right-of-Way	Major reconstruction to widen this road to five lanes of traffic by introducing a centre turn lane. Approx. 1.1km of roads are reconstructed in this project.	\$37,540,000	\$0	Ongoing
Local Roads and Bridges	Peterborough, City of	Road Reconstruction of Parkhill Road to City Limits	Installation of three (3) traffic signals and left turn lanes at the intersections of Parkhill Road West with Wallis Drive, Ravenwood Drive, and Chandler Crescent and a roundabout at Parkhill Road West and Brealey Drive. The road length between Wallis Dr and Brealey Dr on Parkhill Road West is 2.2km.	\$26,370,000	\$626,030	Complete
Local Roads and Bridges	Peterborough, County of	County Road 37 Rehabilitation - Gannons Narrows to Jacksons Farm	The rehabilitation of 4.6 km of County Road 37 involves pulverizing the existing asphalt road surface, processing the road base with expanded asphalt and placement of a 50 mm lift of hot mix asphalt to the full width of 10.0 m. □ The existing roadway is in poor condition with a PCI rating of 55.0. Rehabilitation will restore the condition of the road to a good pavement condition, ensure the safety of local residents and improve the ride comfort rating for the travelling public.	\$1,590,824	\$1,590,824	Complete
Local Roads and Bridges	Peterborough, County of	County Road 21 Rehabilitation - Glamorgan to Millbrook	The rehabilitation of 6 km of County Road 21 involves pulverizing the existing road surface, processing the road base, placement of a 50 mm lift of granulars and application of a double surface treatment to a width of 10.0 m. □ The existing roadway is in poor condition with a PCI rating of 60.38. Rehabilitation will restore the condition of the road to a good pavement condition, ensure the safety of local residents and improve the ride comfort rating for the travelling public.	\$1,005,582	\$178,343	Complete
Local Roads and Bridges	Pickering, City of	Lynn Heights Park - New Path Construction	Construction of new asphalt path in Lynn Heights Park to connect Alanbury Crescent and Sherman Crescent to Lynn Heights Drive.	\$120,000	\$73,551	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Pickering, City of	New Sidewalk Construction on Finch Ave - East of Valley Farm Road to Guild Rd	New sidewalk is being constructed on the south side of Finch Ave (east of Valley Farm Rd to Guild Rd). Asphalt sidewalk installation will allow safe pedestrian travel as a separate corridor, and provide an alternative mode of transportation to businesses and within the community, reducing greenhouse gas emissions.	\$200,000	\$18,228	Ongoing
Local Roads and Bridges	Pickering, City of	Sidewalk Rehabilitation in Various Locations	Replacement of 1,110 m of deficient sidewalks to allow safe pedestrian travel as an alternative mode of transportation within the community, reducing greenhouse gas emissions.	\$200,000	\$157,788	Complete
Local Roads and Bridges	Pickering, City of	Asphalt Resurfacing on Various City Streets	Streets included are identified in Pickering's Asset Management Plan. The road top lift asphalt will complete the existing road structure and significantly extend the infrastructure lifecycle. Also, road drainage and safety issues are addressed as part of the program. Lastly, the improved road surface reduces greenhouse gas emissions due to improved fuel economy. The rehabilitation improved 4430 metres of roadways which was essential to the revitalization of our community.	\$2,593,916	\$1,755,260	Complete
Local Roads and Bridges	Pickering, City of	Asphalt Sidewalk Reconstruction - Whites Road	Reconstruct existing asphalt sidewalk on Whites Road - west side, from Sunbird Trail to Amaretto Avenue, including boulevard restoration and drainage improvements.	\$200,000	\$137,311	Complete
Local Roads and Bridges	Pickering, City of	Rehabilitation of Sidewalks and Walkways	Replacement of deficient asphalt pathways connecting Finch Ave to Lydia Cres and Longbow Dr to Rowntree Cres to allow safe pedestrian travel as an alternate mode of transportation within the community. □ □ Removal and replacement of existing concrete sidewalks in numerous locations in the City (Whites Rd, Baylawn Dr, Valley Farm Rd, and Foleyet Cres).□ □ Work also involves the Bayly St multi-path and sidewalk rehabilitation on Dixie, Gloucester, Valley, and Finch Ave.	\$1,100,000	\$47,839	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Pickle Lake, Township of	Connecting Link - Reconstruction and Extension of Pickle Lake Rd	The project is for the reconstruction and widening of 10.75 km of Pickle Lake Rd (turning into Patricia Ave then Koval Rd) all the way to the airport. A new road is also being constructed for approximately 1.3 km past the dead end to connect to Highway 599. □ □ Resurfacing will improve the safety of the roadway and access to the community. The new road will provide alternative access to Highway 599 and eliminate heavy truck traffic through the community, improving safety in school zones.	\$3,300,000	\$154,000	Ongoing
Local Roads and Bridges	Plummer Additional, Township of	Resurfacing of Multiple Municipal Roadways	This project involved resurfacing 2.9 km of roadway to provide safe, serviceable road pavements and maximize sustainability for future use. The project encompassed three main roads: McPhail Road (1 km of gravel resurfacing), Boundary Road (0.5 km of gravel resurfacing), and Sandy's Road (0.3km of gravel resurfacing). There were 12 small, additional resurfacing projects that also occurred across the township, courtesy of the CCBF funding.	\$22,348	\$22,348	Complete
Local Roads and Bridges	Plympton-Wyoming, Town of	Fleming Road Improvement - Egremont Rd to Lakeshore Rd	Fleming Road was improved from a gravel rural road to a asphalt semi urban road to accommodate an increase in use. The area drainage was also improved to accommodate reconstruction of the roadway.	\$1,198,450	\$247,800	Complete
Local Roads and Bridges	Port Colborne, City of	Road Base and Surface Replacement Across the City	The base and surface were replaced on Olga Drive (462 m), Sugarloaf Street (198.21 m), Gaspare Drive (180 m), Eagle Drive (86.17 m), Rose Avenue (180 m), Rodney Street (226.22 m), Fares Street (223.1 m), Mitchell Street (217.44 m), Kent Street (170.33 m), Foghorn Lane (88.54 m), Second Avenue (247.71 m), Highland Avenue (258.97 m), Omer Ave (204.5 m), Canal Bank Road (212.63 m), Sherkston Road (874 m), and Vimy Ridge Road (440 m).	\$830,160	\$607,000	Complete
Local Roads and Bridges	Port Colborne, City of	Sidewalk Rehabilitation	The City has approximately 97 km of concrete sidewalks - plus the Promenade along West Street and numerous asphalt trails. In 2021, 655 linear meters of sidewalk were rehabilitated.	\$100,912	\$38,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Port Hope, Municipality of	Larose Crescent Rehabilitation	Resurface 300 m of Larose Crescent. This project has been identified as a resurfacing project in lieu of a full reconstruction as a result of the estimated costs associated with a full reconstruction.	\$15,000	\$9,310	Complete
Local Roads and Bridges	Port Hope, Municipality of	Walker Road Rehabilitation	Walker Road is a two-lane rural road in a Designated Natural Area. In winter months, drainage issues are compounded by a lack of available snow storage in the portion of Sand Hill where the road sits in cut and is bound by steep, forested roadside embankments. Any precipitation that falls within the road right-of-way has no opportunity to drain except for longitudinally over the travelled lanes northerly toward Hamill' Creek creating a dangerous situation.	\$500,000	\$680	Ongoing
Local Roads and Bridges	Port Hope, Municipality of	Installation of a Signalized Pedestrian Crossing on Ontario Street	Installation of a new signalized mid-block crossing on Ontario Street between Martha St and Blooms Grove Ave to improve pedestrian safety in the area.	\$186,000	\$77,954	Complete
Local Roads and Bridges	Port Hope, Municipality of	Installation of a Signalized Pedestrian Crossing on Peter Street	Installation of a new signalized pedestrian mid-block crossing to improve pedestrian safety in the area. The signalized crosswalk is being located on Peter Street in the vicinity of Nelson Street.	\$186,000	\$77,954	Complete
Local Roads and Bridges	Port Hope, Municipality of	Design and Construction of the Lakeshore Road and Baulch Road Intersection	The Municipality is reconstructing the intersection at Lakeshore Road and Baulch Road. Work involves a review of the drainage area to properly size culvert crossings and mitigate damage from storm events.	\$575,000	\$16,865	Ongoing
Local Roads and Bridges	Port Hope, Municipality of	Resurfacing of Rural Roads	Two lifts of high float surface treatment were applied to Marsh Rd (White Dr to Deer Park), Mill St (John St to 7th Line), Port Britain Rd (Lakeshore Rd to the dead end), Cold Springs Camp Rd (north end) and East Townline Rd (5th Line Clarington to the dead end). Sections within Deans Hill Road (County Rd 9) were also resurfaced to extend the entire road segment's lifespan, and Gimour Road (County Rd 10) was resurfaced with one lift of high float surface.	\$638,433	\$347,417	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Port Hope, Municipality of	Walton Street Reconstruction	Reconstruction of Walton Street from Church Street to Mill Street. The scope of work includes full replacement of road, water, sanitary and storm sewer infrastructure. Green infrastructure, including curb line rain gardens and permeable pavers, are intended to be incorporated into the design. The scope of work further includes a review of sidewalks and parking.	\$6,495,000	\$76,336	Ongoing
Local Roads and Bridges	Powassan, Municipality of	Maple Hill Road Reconstruction	This project is a reconstruction of Maple Hill Road to improve flood resiliency and increase safety for vehicles, cyclists, and pedestrians. The project involves the reconstruction of approximately 2 km of Maple Hill Road, including raising the elevation of the roadway, and improvements to drainage, culverts, slope, and ditching.	\$1,466,300	\$117,264	Complete
Local Roads and Bridges	Powassan, Municipality of	Rehabilitation of Hummel's Bridge	The Hummel Bridge was identified in our bridge assessment report as needing major maintenance or replacement. This bridge goes over the South River and is a main artery in our rural area, bordering on Nipissing Township. Their report also indicated problems. We are very concerned for resident safety regarding emergency services; the route around takes quite a while. We are therefore rehabilitating the bridge in collaboration with the Township of Nipissing.	\$1,000,000	\$0	Ongoing
Local Roads and Bridges	Powassan, Municipality of	Installation of Railway Crossing Lights and Gates	CN Railway added crossing lights and gates at Loxton Line and Valleyview Drive East with support from the Municipality. The lights and gates are critical to the safety of residents in our community. Both crossings were previously safety hazards. The rail crossing on Valley View Drive is on a curve and a hill. Loxton Line is just off Highway 11 and the rail crossing is at the bottom of a hill. There is a large gravel pit operation at the end of that road and some residential and farm operations.	\$107,828	\$53,914	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Prescott & Russell, United Counties of	Resurfacing Multiple County Roads	The United Counties are resurfacing a portion of County Roads 4, 8 and 17. This involves overlaying a lift of hot mix paving. County Road 17 is having the existing asphalt cold-in-place recycled prior to overlaying. County Road 4 is having the existing asphalt pulverized prior to overlaying. This investment will result in approximately 15.1 km of roads resurfaced, making them safer and smoother.	\$2,572,978	\$1,768,387	Complete
Local Roads and Bridges	Prescott & Russell, United Counties of	Treadwell Bridge Rehabilitation	Treadwell Bridge was in need of rehabilitation to ensure the continued safe passage of vehicles. Rehabilitation additionally extends the useful service life of the bridge by approximately 40 years. Work involved the replacement of guide rails, partial depth removal of the deck, partial depth removal/repair under deck, partial depth removal/repair at abutment walls and wingwalls, deck overlay and waterproofing.	\$1,366,646	\$1,064,823	Complete
Local Roads and Bridges	Prescott, Town of	Reconstruction of Dibble Street East	Complete reconstruction of Dibble Street East (roadway, sidewalks, water, wastewater and storm) from Boundary to Edward Street.	\$2,946,720	\$1,050,274	Ongoing
Local Roads and Bridges	Prince Edward, County of	County Road 4 Bridge Rehabilitation	Country Road 4 Birdge was built in 1968 and was identified as the second highest priority in the 2015 OSIMs report. The rehabilitation of the bridge will include removal of the asphalt surface and deteriorated sections of the concrete deck, placement of a new concrete overlay,□ waterproofing, asphalt paving and other required ancillary repairs.	\$525,000	\$22,993	Ongoing
Local Roads and Bridges	Prince Edward, County of	Milford Bridge Rehabilitation	During the regular inspection of condition of the County bridges, it was noted that a significant crack had appeared in the soffit at the east span of the bridge. A consulting engineering firm was hired in 2021 to investigate the area further and do a structural evaluation of the bridge to determine if load limits needed to be placed on the structure and advise regarding any remedial work. A contract will be awarded in 2022 to complete the rehabilitation, extending the life of the asset.	\$53,000	\$18,113	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Prince Edward, County of	Black River & Outlet Bridges Deck Condition Survey & Rehabilitation	This project involves the rehabilitation of an existing three-span, two-lane bridge. Construction includes the removal of existing expansion joints and conversion to semi-integral abutments, removal of 3 existing bridge girders and replacement with three new bridge girders, concrete deck repairs, curb replacement, barriers replacement, waterproofing and hot mix asphalt placement, approach roadway upgrades and the installation of steel beam guide rail.	\$1,523,685	\$3,247	Complete
Local Roads and Bridges	Prince Edward, County of	Reconstruction of Picton Main St - Bridge St to Spencer St	Project involves redesign and reconstruction of approximately 900 m from Bridge Street to Spencer Street. The scope includes pre-construction investigations such as geotechnical and topographical to support design and construction activities, including the replacement of water, sanitary and storm sewer mains, sidewalk, curb and gutter, granular base, and asphalt surface.	\$3,263,000	\$11,379	Ongoing
Local Roads and Bridges	Prince Edward, County of	Culvert Rehabilitation - Main Street Wellington	Rehabilitation of a culvert across Wharf Street in Wellington, Ontario to ensure that the structure does not fail. The culvert is 24 m long, 3.6 m in width, and 1.8 m in height.	\$2,147,000	\$0	Ongoing
Local Roads and Bridges	Prince, Township of	Walls Road Rehabilitation - Second Line W to Base Line	The Township is rehabilitating Walls Road from Second Line W to Base Line. Work involves removing the existing surface treatment, excavating the road base and removing corduroy currently affecting road performance, reconstructing new road and pavement, and re-grading ditches, replacing driveway culverts where necessary.	\$2,189,260	\$0	Complete
Local Roads and Bridges	Puslinch, Township of	Reconstruction of Concession 4 - County Road 32 to Sideroad 10 North	Approximately 2 km of repaving is required. Work involves traffic control, pulverizing the existing asphalt, grading and compacting the road base, repaving with 60 mm of HL4 asphalt, paving and reconstructing driveways, installing compacted granular A shoulders, adding permanent pavement markings and inspecting the final roadway.	\$315,557	\$103,719	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Quinte West, City of	Rehabilitation of Wallbridge-Loyalist Rd Bridge	The project scope involved the rehabilitation of the existing bridge, including patching, waterproofing and paving the existing deck, re-facing of existing barriers and replacement of expansion joints with elastomeric joint assemblies. The project helped to maintain current levels of service while also reducing life cycle costs by delaying bridge deterioration.	\$518,343	\$500,000	Complete
Local Roads and Bridges	Quinte West, City of	Surface Treatment of Several Rural Roads	The project involved pulverizing and surface treating various sections of rural roads in Quinte West totaling 16.6 km of roadways. The main objectives of the project were to eliminate the environmental impacts of annual regrading and the use of dust suppressants along with creating smoother road profiles and cross-sections to improve drainage and reduce future maintenance.	\$680,043	\$0	Complete
Local Roads and Bridges	Quinte West, City of	Reconstruction of King St	The project involved the reconstruction of King St from Fourth Ave to Catherine St, for a total reconstruction length of 500 m. The project helped to improve failing City assets and maintain current levels of service while also improving active transportation networks with a multi-use path. Construction of a bus bay and student drop off area was also included in this project to improve safety of students attending the adjacent high school.	\$1,330,466	\$300,000	Complete
Local Roads and Bridges	Quinte West, City of	Reconstruction of Lorne Ave	The project involved the reconstruction of Lorne Ave from Creswell Dr to McGill St, for a total reconstruction length of 100 m. The project helped to improve failing City assets and maintain current levels of service while also improving active transportation networks.	\$247,095	\$200,000	Complete
Local Roads and Bridges	Quinte West, City of	Reconstruction of McGill St	The project involved the reconstruction of McGill St from Dufferin Ave to Queen St, for a total reconstruction length of 300 m. The project helped to improve failing City assets and maintain current levels of service while also improving active transportation networks.	\$840,526	\$600,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Quinte West, City of	Paving & Reconstruction of Eight Local Roads	The project involved the reconstruction of County Road 64, Fort Kente Rd, Trenton-Frankford Rd, County Road 40, Metcalfe St, Mercia St, Farley Crescent and River Drive for a total length of work completed of 10.2 km. This project helped to improve failing City assets and maintain current levels of service while also improving active transportation networks.	\$4,734,366	\$1,000,000	Complete
Local Roads and Bridges	Quinte West, City of	Paving & Reconstruction of Ten Local Roads	The project involved the resurfacing of 10 roads within the City of Quinte West limits (approximately 13.65 lane-km in total). The main objective of the project was to improve poor road conditions and add bicycle lanes on certain roads as outlined in the City's Active Transportation Plan.	\$3,730,313	\$0	Complete
Local Roads and Bridges	Ramara, Township of	Reconstruction of Lakeshore Drive from Concession Road 1 to Concession Road 2	Lakeshore drive runs along Lake Simcoe and is a major access road to the lake, many cottages, several beaches, trailer parks, cottage rentals, and short-term rentals. The road condition is poor as the hardtop is starting to break apart and is degrading at a rapid pace, creating safety concerns. The section of road lying between Concession Road 1 and Concession Road 2 is therefore being reconstructed with a double high float emulsion.	\$214,776	\$75,607	Ongoing
Local Roads and Bridges	Ramara, Township of	Reconstruction of Lake Avenue from Ridge Avenue to Beaver Trail	Lake Avenue is the main lake access road for the Lagoon city community. It provides access to several Lake Simcoe cottages as well as several beaches. The road condition is poor as the hardtop is starting to break apart and is degrading at a rapid pace, creating safety concerns. The section of road lying between Ridge Avenue and Beaver Trail is therefore being reconstructed with a double high float emulsion.	\$157,502	\$34,382	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Red Rock, Township of	Brompton Rd Reconstruction	Brompton Rd is a street at the northeast end of the Township which is badly deteriorated. Approximately 400 m of road is being rehabilitated to include new water main, storm sewer and sanitary sewer along with new curb and gutter and asphalt replacement. The harsh seasonal weather over several decades combined with heavy rainfall and winter frost depths have compromised the integrity of all the in-ground assets.	\$3,108,875	\$0	Ongoing
Local Roads and Bridges	Renfrew, County of	Rehabilitation of County Road 1 - Elgin St to Osborne St	The County milled the existing hard surface of 1.66 lane-km of County Road #1 to re-establish cross-fall and remove surface defects. Reclaimed asphalt pavement (RAP) from the hard surface was incorporated into the project. The timely resurfacing of the road defers the need to demolish and reconstruct it. Smooth roads improve fuel economy and reduce vehicle emissions. Drainage improvements included replacing concrete curbs and repairs to storm catch basins where required.	\$443,371	\$372,363	Complete
Local Roads and Bridges	Renfrew, County of	Rehabilitation of County Road 52 - North of Fraser Rd	The County rehabilitated 9.8 lane-km of County Road #52. The timely resurfacing of the road defers the need to demolish and reconstruct the road. Smooth roads improve fuel economy and reduce vehicle emissions. Hardened shoulders were included in this project to allow for alternate modes of transportation. Drainage improvements included replacing cross culverts and ditching to extend the life of the roadway base.	\$576,290	\$434,661	Complete
Local Roads and Bridges	Renfrew, County of	Rehabilitation of County Road 51 - County Road 26 to County Road 55	The County milled the existing hard surface of 2.8 lane-km of County Road #51 to re-establish cross-fall and remove surface defects. Reclaimed asphalt pavement (RAP) from the hard surface was incorporated into the project. The timely resurfacing of the road defers the need to demolish and reconstruct it. Smooth roads improve fuel economy and reduce vehicle emissions. Drainage improvements included replacing concrete curbs and repairs to storm catch basins where required.	\$734,866	\$733,128	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Renfrew, County of	Rehabilitation of County Road 67 - Byers Creek Road to Buck Hill Road	The County rehabilitated 5.48 lane-km of County Road #67. The timely resurfacing of the road defers the need to demolish and reconstruct the road. Smooth roads improve fuel economy and reduce vehicle emissions. Hardened shoulders were included in this project to allow for alternate modes of transportation. Drainage improvements included replacing cross culverts and ditching to extend the life of the roadway base.	\$521,351	\$507,600	Complete
Local Roads and Bridges	Renfrew, County of	Rehabilitation of County Road 5 - 1574 Stone Road to Berlanquet Road	The County rehabilitated 6.72 lane-km of County Road #5. The timely resurfacing of the road defers the need to demolish and reconstruct the road. Smooth roads improve fuel economy and reduce vehicle emissions. Hardened shoulders were included in this project to allow for alternate modes of transportation. Drainage improvements included replacing cross culverts and ditching to extend the life of the roadway base.	\$745,465	\$745,465	Complete
Local Roads and Bridges	Renfrew, Town of	Highway 60/Stewart St. Reconstruction	This project includes the complete reconstruction of Highway 60/Stewart St., including two traffic lanes, curbs, sidewalks, storm sewers, culverts, pedestrian facilities, street lighting, landscaping and one traffic signal. □ □ This project also includes the replacement of municipal water and sewer infrastructure, which underlays the road and is approaching 80 years of age.	\$6,295,222	\$1,384,500	Complete
Local Roads and Bridges	Richmond Hill, City of	Installation of Pedestrian Crossover at Rollinghill Rd and Jack Ashton Avenue	Implementation of a pedestrian crossover on Rollinghill Road in the vicinity of St. Marguerite D'Youville Catholic School, located at 121 Rollinghill Road in order to improve pedestrian safety at the intersection of Rollinghill Road and Jack Ashton Avenue. The intersection is located toward the north end of St. Marguerite D'Youville Catholic School.	\$65,000	\$29,319	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Installation of Illumination on Leslie St from William Bell Parkway to 19th Ave	Regional works to install sidewalk, multi-use pathway and illumination along Leslie Street between Elgin Mills and 19th Ave, in order to improve pedestrian and road safety.	\$514,900	\$33,920	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Richmond Hill, City of	Installation of Illumination on Various Sections of Yonge St	Construct street illumination at various sections along Yonge Street. Three sections being programmed in this project including along Tower Hill Road to Harris Avenue, Benson Road to Levendale Road, and Regatta Avenue to Blackforest Drive. Providing illumination will promote security in urban areas and increase the quality of life by improving safety for drivers, cyclists and pedestrians.	\$373,500	\$19,442	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Bathurst St - Sidewalk Illumination - Shaftsbury to Gamble	Installation of sidewalks and illumination along Bathurst Street between Shaftsbury and Gamble. Project provides a sidewalk facility on Bathurst Street that connects the existing sidewalks north of Gamble with sidewalks south of Shaftsbury Avenue, filling a gap in the sidewalk network. The completed sidewalk and illumination project will encourage safe walking and improve safety for drivers, cyclists, and pedestrians.	\$764,300	\$113,302	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Installation of Pedestrian Crossover at Castle Rock Drive and Mayvern Crescent	Implementation of an east-west pedestrian crossover at the south leg of the northerly intersection of Castle Rock Drive and Mayvern Crescent in order to provide better access between the residential neighborhood and Tannery Park.	\$60,000	\$0	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Lake to Lake Intersection Improvements	Installation of traffic control signals, illumination, pavement marking and permanent roadway signing at three intersections along the Leslie Street Lake to Lake route.	\$1,515,800	\$0	Complete
Local Roads and Bridges	Richmond Hill, City of	Reconstructing Powell Street and Wright Street	Powell Street and Wright Street from Mill Street to Hall Street are existing rural roads with ditches. The two roads are being reconstructed to urban standards with new asphalt pavement, curbs, gutters and storm sewers. Sidewalk is being reconstructed and extended and road illumination is being upgraded to improve pedestrian connectivity and safety. Existing watermain is being replaced and sections of sanitary sewers are being replaced due to age to prevent asset failure.	\$2,233,300	\$399,329	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Richmond Hill, City of	Road Resurfacing in Various Locations	This project replaces the top asphalt surface of deteriorated roads to improve the function of the roadway and extend the life of the asset. The City is paving approximately 35 lane km under this project.	\$4,300,000	\$272,965	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Construction of Lake to Lake Route - Greenhill	The Richmond Hill Lake to Lake Cycling Route is part of a multi-use trail between Lake Ontario and Lake Simcoe. This project involves the construction of three sections on Leslie St spanning approximately 2 km. Sections include Greenhill Ave to Major Mackenzie Dr, 260 m north of 16th Ave to Headford Ave (west side), and Headford Ave to Greenhill Ave (west side).	\$1,861,400	\$25,869	Complete
Local Roads and Bridges	Richmond Hill, City of	Red Maple Road Traffic Improvements	The implementation of an east-west pedestrian signal crossover at the north leg of the northern Red Maple Road/Oneida Crescent intersection to provide safe access between the residential neighbourhood on Oneida Crescent and the schools, community centre and park facilities on the east side of Red Maple Road.	\$130,000	\$544	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Lake Wilcox Pedestrian Crossing Improvements	The Lake Wilcox Park Youth Area has experienced increased usage. The City is therefore implementing new pavement marking, signage, flashing beacons and crossing improvements to enhance pedestrian and cyclist safety.	\$50,000	\$0	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of a Multi-Use Trail (Lake to Lake Phase 3)	Work is to construct an asphalt multi-use trail from Major Mackenzie Drive to Elgin Mills Road as part of the Lake to Lake Route.	\$1,434,100	\$0	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of New Streetlights in Various Locations	Construction of 16 new streetlights at various locations to improve pedestrian safety.	\$406,100	\$383	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of Sidewalks Across the City	Construction of sidewalks to improves pedestrian connectivity and opportunities for active transportation. Approximately 190 m of sidewalks are being constructed in various locations.	\$336,100	\$421	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Richmond Hill, City of	Installation of Illumination on Bathurst Street - Elgin Mills Road West to Shaftsbury	This project is installation of street lighting and pedestrian lighting along Bathurst Street between Elgin Mills Road to Shaftsbury Avenue.	\$462,500	\$0	Complete
Local Roads and Bridges	Richmond Hill, City of	Church Street - Area Drainage Assessment and Upgrades to Storm and Road Infrastructure	Undertake drainage assessment and rectify localized residential flooding on Church Street between Centre Street and Major Mackenzie Drive (approximately 540 m of road).	\$342,800	\$10,192	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Reconstructing Montiel Road & Tampico Road from Laverock to Driscoll	Montiel Road and Tampico Road are existing rural roads with ditches and narrow shoulders. The two roads are being reconstructed to urban standards with asphalt pavement, curbs, gutters and storm sewers as a Local Improvement in 2019. In addition to the road improvements, the existing cast iron watermain is being replaced due to age and condition.	\$1,191,870	\$0	Complete
Local Roads and Bridges	Richmond Hill, City of	Bethesda Sideroad Reconstruction	Reconstruction of Bethesda Sideroad - Hwy 404 to Anchusa Dr. The scope is to rehabilitate the granular base, convert the existing road surface from gravel to asphalt and improve ditching and drainage work. This will reduce high annual operating and maintenance costs associated with damages due to heavy duty truck traffic. This will also allow better access to businesses in this stretch which rely on access for the delivery of equipment and materials.	\$2,209,700	\$46,290	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Resurfacing Multiple Roads	This project replaces the top asphalt surface of deteriorated roads to improve the function of the roadway and extend the life of the asset. The City is paving approximately 35 lane km under this project.	\$3,346,500	\$0	Complete
Local Roads and Bridges	Richmond Hill, City of	Installation of Street Lighting and Walkway Lighting	Street lighting and walkway lighting was installed on Trench St, Bathurst St, Arnold St, Norfolk St, Parabelle Dr, Boake Tr, and Major Mackenzie Dr to improve road and pedestrian safety. Roughly 110 streetlights were installed in total.	\$399,100	\$1,180	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of Trails & Installation of LED lights	Construction of new trails and installation of LED lights on existing sidewalks and trails at eight locations across the Town.	\$597,300	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Richmond Hill, City of	Construction of Elgin East Trails	The Elgin East Trail involves the construction of 4.4 km of asphalt multi-use trail north east of Yonge Street and Elgin Mill Road East.	\$1,714,226	\$0	Complete
Local Roads and Bridges	Rideau Lakes, Township of	Eric Hutcheson Road - Resurfacing	Eric Hutchenson Rd is a primary road within Rideau Lakes. It hosts many rural homes and a Hydro One works facility. It is also a primary connecting link between County Road 29 and County Road 17. Tight blading was conducted on the entire length of the road as well as related ditching and drainage. A new surface was applied in 2021 to provide the quality of ride residents expect and increase asset life supporting fiscal sustainability.	\$110,935	\$94,967	Complete
Local Roads and Bridges	Rideau Lakes, Township of	Salmon Side Road - Reconstruction	Salmon Side Rd is a primary road within Rideau Lakes. It hosts many homes with a trailer park and a subdivision. It is also a primary connecting link between Golf Club Road and Hunters Road. A proper road base was constructed for 0.8 km as well as related ditching and drainage. A new surface will be applied in 2023 to provide the quality of ride residents expect and increase asset life supporting fiscal sustainability.	\$52,983	\$52,983	Complete
Local Roads and Bridges	Rideau Lakes, Township of	Summers Road - Reconstruction	Summers Rd is a primary road within Rideau Lakes. It hosts many rural homes, agricultural operations and a local grain elevator storage facility. It is also a primary connecting link between the Village of Elgin and Fortune Line Road. A proper road base was constructed on 2.4 km as well as related ditching and drainage. A new surface will be applied in 2022 to provide the quality of ride residents expect and increase asset life supporting fiscal sustainability.	\$168,635	\$168,635	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Rideau Lakes, Township of	Plum Hollow Road - Reconstruction	Plum Hollow Rd is a primary road within Rideau Lakes. It hosts many rural homes, agricultural operations and is a main travel route for a local construction company and is a primary connecting link between Plum Hollow and County Road 29 at Frankville. A proper road base was constructed for the entire length of the road as well as related ditching and drainage. A new surface will be applied in 2022 to provide the quality of ride residents expect and increase asset life and fiscal sustainability.	\$230,183	\$230,183	Complete
Local Roads and Bridges	Rideau Lakes, Township of	Harts Gravel Road - Reconstruction	Harts Gravel Rd is a primary road within Rideau Lakes. It hosts a large agricultural feed mill that serves the surrounding area farms. A proper road base was constructed for the entire length of the road as well as related ditching and drainage. A new surface is being applied in 2022 to provide the quality of ride residents expect and increase asset life supporting fiscal sustainability.	\$95,548	\$95,548	Complete
Local Roads and Bridges	Rideau Lakes, Township of	Harlem Road - Hard Top Surfacing	Harlem Rd is a primary road within Rideau Lakes. It hosts many rural homes, agricultural operations and a local aggregate quarry. It is also a primary connecting link between the Village of Portland, Highway 15 and County Rd 8. A proper road base was constructed for the entire length of the road as well as related ditching and drainage in 2019. A new hard top was applied in 2020 to provide the quality of ride residents expect and increase asset life supporting fiscal sustainability.	\$503,831	\$0	Complete
Local Roads and Bridges	Russell, Township of	St-Thomas Rd Rehabilitation (Russland to Dead End)	St-Thomas was resurfaced from Russland Road to the dead end near highway 417. Work involved placement of 50 mm of asphalt on 2.1 km of road. It is also a surface type improvement moving from low class bituminous to high class bituminous surface. □ The resurfacing of this segment will improve our level of service to ensure safety and security to our residents.	\$277,719	\$242,063	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Russell, Township of	Rehabilitation of Route 400	Rehabilitation of Route 400 between St-Jacques and St-Joseph. An additional 50 mm of asphalt was placed on a total of 1.4 km of road. This segment was identified in our 2019 road needs study report. The work will improve the level of service along this segment and improve our road structure and give accrued safety for our residents.	\$120,971	\$114,920	Complete
Local Roads and Bridges	Russell, Township of	Small St-Joseph Bridge Rehabilitation	Rehabilitation of the St-Joseph Bridge as recommended by our 2019 Ontario Structure Inspection Manual Report. The rehabilitation will allow the Township to remove the load restriction applied to the bridge and improve our level of service along this segment of the road. This project will ensure that our roads are kept up to the code while we are managing incident risks.	\$34,316	\$30,969	Complete
Local Roads and Bridges	Russell, Township of	Installation of Recreational Trail Crossings	We are installing signals for pedestrian crossings at four strategic locations along recreational trails in both Embrun and Russell. This installation of trail beacons will improve the safety of pedestrians and cyclists using our recreational trails by decreasing the risk factor for the municipality.	\$102,382	\$80,670	Complete
Local Roads and Bridges	Russell, Township of	Resurfacing Eadie Road	Resurfacing of Eadie Road between Castor Street and Route 200. A 50 mm lift of asphalt is being placed on 2,800 m of the road for a total of 19,600 m ² . The larger volume of traffic identified on Eadie road along with a need to maintain this asset safe while meeting our Road Need Study of 2019, are the main reasons to this asphalt overlay.	\$240,021	\$228,607	Complete
Local Roads and Bridges	Russell, Township of	Resurfacing Route 200 (between Hamilton Road & North Russell Road)	Resurfacing of Route 200 between Hamilton Road and North Russell Road. A total of 1,500 m is being resurfaced for a total of 10,500 m ² . While our traffic count is slightly higher than usual our Road need study of 2019 recommended that this surface treatment to maintain our asset safe.	\$253,734	\$207,351	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Ryerson, Township of	James Camp West Resurfacing	The purpose of this project is to resurface approximately 3.9 km of James Camp Road West - the section lying west of Stisted Rd N - using a granular "a" application. This road is heavily trafficked by cottagers and was identified as a priority in the recent Road Needs Study. The resurfacing is necessary to extend the life of the road.	\$50,864	\$50,864	Complete
Local Roads and Bridges	Sarnia, City of	Reconstruction of Bridge No 70 on Jackson Road	The existing structure of Jackson Road Bridge has entered into a window of opportunity for rehabilitation. Therefore, to extend the service life and avoid high deferral costs, the rehabilitation project has been recommended through the latest OSIM bridge inspection.	\$1,100,000	\$0	Ongoing
Local Roads and Bridges	Sarnia, City of	Rehabilitation of Bridge No 40 on Michigan Ave	The existing structure of Michigan Avenue Bridge has entered into a window of opportunity for rehabilitation. Therefore, to extend the service life and avoid high deferral costs, the rehabilitation project has been recommended through the latest OSIM bridge inspection.	\$1,100,000	\$0	Ongoing
Local Roads and Bridges	Sarnia, City of	Reconstruction/Rehabilitation of the Vidal Street Walkway	The Vidal Street Walkway is a three-span concrete bridge structure located over the Canadian National Railway mainline and currently serves as a utility corridor. These utilities serve as the main transmission lines (gas, telecommunications, and water) to the industrial area at the south end of the City. Reconstruction/rehabilitation of the existing bridge structure is required in order to ensure that these key services to industries are maintained.	\$900,000	\$0	Ongoing
Local Roads and Bridges	Saugeen Shores, Town of	Resurfacing of Doll Sideroad and Sideroad 28/29	Doll Sdr (Bruce Rd 3 to Conc 14) and Sideroad 28/29 (Conc 2 to Bruce Rd 40) were resurfaced. Roads were in poor condition and were prioritized as part of the Town's replacement schedule.	\$550,000	\$518,153	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Saugeen Shores, Town of	Sidewalk Construction on Arlington St and Maple Drive	Historically, the annual Capital Sidewalk Program has been focused on replacing sidewalk that has reached its life expectancy. This year staff focused on installing new sidewalk on appropriate roads that are already at an urban standard, with a high amount of pedestrian traffic. The project includes the installation of new sidewalk on Maple Drive, from Bricker Street to Wellington Street, as well as the extension of the existing sidewalk on Arlington Street, from Oakwood Dr to Eastwood Dr.	\$70,000	\$35,000	Complete
Local Roads and Bridges	Saugeen Shores, Town of	Reconstruction of Davey Drive - Bricker to Wellington	The watermain is in poor condition and requires replacement. The road is therefore being brought up to urban standards - including the installation of sidewalk and storm sewer. The new sidewalk will link Bricker Street, Wellington Street, and Davey Park.	\$874,186	\$129,257	Ongoing
Local Roads and Bridges	Saugeen Shores, Town of	Reconstruction of Beach St - Huron to Lake	The watermain is in poor condition and requires replacement. The road is therefore being brought up to urban standards - including the installation of sidewalk and storm sewer.	\$1,200,000	\$170,716	Ongoing
Local Roads and Bridges	Saugeen Shores, Town of	Rehabilitation of Railway St. Culvert	Extension of the Railway Street Box Culvert just north of McNabb Street in Southampton. The project includes the installation of headwalls and fixes the unsafe slope from the edge of gravel off of Railway Street which is part of the MTO Connecting Link.	\$366,545	\$0	Complete
Local Roads and Bridges	Saugeen Shores, Town of	Reconstruction of McNabb Street - Peel Street to Railway Street	McNabb Street reconstruction involves the replacement of asphalt, road base and watermain and the installation of new storm sewers, sanitary sewers and sidewalk between Peel Street and Railway Street.	\$750,000	\$0	Complete
Local Roads and Bridges	Sault Ste. Marie, City of	Third Line Reconstruction	Third Line is being reconstructed from Black Road to east of the Sault Area Hospital entrance. The main objective of this investment is to replace a road section identified as deficient and provide a wider road platform width with adequate space for emergency response vehicles accessing the hospital, pedestrians, cyclists and other non-motorized uses.	\$7,091,789	\$4,653,755	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Sault Ste. Marie, City of	Connor Road Culvert Rehabilitation	The work generally consists of supplying all equipment, labour and material necessary for the rehabilitation of the undermined culvert footings with a new concrete slab, road surface drainage improvements, embankment stabilization, and guiderail improvements at the culvert location.	\$450,000	\$0	Complete
Local Roads and Bridges	Sault Ste. Marie, City of	Sixth Avenue Reconstruction	Sixth Avenue had exceeded its useful lifespan and is in need of reconstruction. This was a complete reconstruction including new storm and sanitary sewers, water mains and appurtenances. The roadwork was necessary to ensure sanitary sewer and water service is maintained to private residences as well as to provide a safe road surface.	\$1,607,337	\$121,425	Ongoing
Local Roads and Bridges	Sault Ste. Marie, City of	Repaving of Various Roads	The work consists of the resurfacing of Grosvenor Avenue from Bruce Street to McDonald Avenue; Grand Boulevard from St. George's Avenue to Northern Avenue; Penno Road from People's Road to St. Patrick Street; Korah Road from Rossmore Road to Moss Road; Cooper Street from Second Line to 200m north. Asphalt surfaces on these road sections had exceeded their useful lifespans and were in need of new asphalt surfaces. This road work was necessary to ensure that safe roads are available to the public.	\$1,716,000	\$0	Complete
Local Roads and Bridges	Scugog, Township of	Devitts Rd Rehabilitation - RR57 to Cartwright E 1/4 Line	The scope of work involves pulverizing, ditching, adding granular material, grading, and applying a hard surface treatment to Devitts Road between RR57 and Cartwright East 1/4 Line. Work is required to address an increase in truck traffic relating to activity at the gravel pit. The road was prioritized based on the State of Infrastructure study.	\$950,000	\$318,555	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Scugog, Township of	Coryell St Rehabilitation - River St to Isabella St	The scope of work for this project involves pulverizing, ditching, adding granular material, grading, and repaving Coryell Street between Isabella Street and River Street in Seagrave. The resurfacing and reconstruction of municipal roads is a critical component of the Township's infrastructure maintenance program. The roads to be resurfaced and/or reconstructed each year are prioritized based on the State of the Infrastructure Study and other criteria (maintenance costs, traffic volumes, etc.).	\$190,000	\$140,534	Ongoing
Local Roads and Bridges	Scugog, Township of	Sidewalk Reconstruction (85 locations)	The Township is replacing 395.67 sq m of sidewalk to bring existing sidewalks to current standards, as well as to infill sections of sidewalks and trails where there currently are missing connections. Locations are selected based on the result of annual sidewalk inspections and the Active Transportation Plan which is currently underway.	\$101,519	\$101,519	Ongoing
Local Roads and Bridges	Scugog, Township of	Balsam Street Reconstruction - Old Simcoe to Rosa	The scope of work will include the detailed design for the reconstruction/ urbanization of Balsam Street from Old Simcoe Road to Rosa Street. Design is scheduled for 2020 and construction in 2021. The reconstruction will include urbanization of Balsam Street from Old Simcoe Road to Rosa Street.	\$715,000	\$27,439	Ongoing
Local Roads and Bridges	Scugog, Township of	Rehabilitation of Water Street – Scugog to Queen	The scope of work will include detailed design, engineering, and tender preparation for the rehabilitation of Water Street between Highway 7A (Scugog Street) and Queen Street. Additional works such as surveying, CCTV of storm sewer, and geotechnical investigation are included. The construction will include grinding of the top layer of asphalt, sidewalk and curb repairs, catch basin and manhole resets, and asphalt repaving of the surface of Water Street between Hwy 7A and Queen Street.	\$300,000	\$6,604	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Seguin, Township of	Rehabilitation of Star Lake Road	<p>The entire length of Star Lake Road will be ditched, with approximately 600 linear metres of blasting, followed by asphalt on the northern section and double surface treatment on the southern section.□</p> <p>□</p> <p>This road provides access to many cottages, year round homes and tourism destinations in the Township. It is also the main access route to the busy Seguin Landfill. Rehabilitation ensures the continued safety of residents, visitors and local businesses using the road.</p>	\$2,000,000	\$0	Ongoing
Local Roads and Bridges	Selwyn, Township of	Resurfacing Local Roads	The township is resurfacing 50.30 lane-km of roadway. These roadway improvements deal primarily with road surface and rideability characteristics. A combination of single and double applications of tar & chip also ensures that the road surface remains in good condition and extends the life of the road bed.	\$694,057	\$294,675	Complete
Local Roads and Bridges	Selwyn, Township of	Smith Street Road Reconstruction to Fraser Street	Reconstruction of 0.24 km (or 0.48 lane-km) of Smith Street and 0.13 km (or 0.26 lane-km) of Fraser Street in the Village of Lakefield. Work involves full road reconstruction, stormwater drainage improvements, sewer installation, and related connections. This project will allow for ratepayers to connect to sewer system, greatly improve the road and surface drainage, and provide a superior road surface in this semi-urban neighbourhood.	\$1,380,000	\$292,932	Complete
Local Roads and Bridges	Selwyn, Township of	Bridgenorth Micro-Surfacing - West from Ward Street	The Township is micro-surfacing 1.83 km (or 3.66 lane-km) of asphalt roads in the hamlet of Bridgenorth to the west of the main road (Ward Street). This surface treatment will extend the useful life of the asphalt roads, while improving ride characteristics.	\$130,371	\$130,371	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Selwyn, Township of	15th Line Reconstruction from Newcomb Lane to N. School Rd.	This project consists of the reconstruction of a tar and chip rural road, including related ditching, culvert replacement, shoulder repairs, aggregate placement, road bed rebuild, additional grading, aggregate placement, and preparation for tar & chip surface. With the application of tar & chip in 2021, the road surface was completed and rideability was greatly improved.	\$176,000	\$68,494	Complete
Local Roads and Bridges	Selwyn, Township of	Water Street Design and Reconstruction Project from Concession St. to Bridge St.	Design and full reconstruction of 0.91 km (1.82 lane-km) of Water Street in Lakefield. Work involves full road construction, drainage and storm water improvements, sidewalk and roadside trail and related amenities, and underground water and sewer improvements.	\$4,100,000	\$39,997	Ongoing
Local Roads and Bridges	Severn, Township of	Lawson Line Guiderail Replacement	Work included removal of existing steel beam guiderail, partial depth concrete removal and new curb installation for suitable connection to guide rail post, installation of new three-beam guiderail and energy attenuators, expansion joint repair, various concrete deck patches, and granular shoulder sealing. □ This work addresses recommendations from biennial OSIM reports. The replacement helps ensure the safe and efficient movement of people and goods over this crossing and throughout Severn.	\$278,501	\$278,501	Complete
Local Roads and Bridges	Severn, Township of	Reinbird Street Bridge Replacement	The existing Reinbird St Bridge is a 5.5 m wide, 15 m span bailey truss bridge installed in 1994 over the Coldwater River. Its replacement was recommended in the 2017 Bridge Inspection report. This project includes the removal of the bridge and support structures and the construction of a roadway to provide access as an alternative to the bridge for improved flood measures on the Coldwater river.	\$1,820,000	\$48,976	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Shelburne, Town of	Reconstruction of Susan, Ann & Muriel Streets	The project encompasses all the elements needed to update the three streets - Ann, Muriel, & Susan, from open ditch to current urban standards. The project includes culverts, sidewalks, water & sewer infrastructure, drainage, rebuilt road base and new asphalt surface with curbs and gutters.	\$2,642,877	\$105,750	Complete
Local Roads and Bridges	Shuniah, Municipality of	Grandview Beach Road Rehabilitation	The municipality is rehabilitating and paving 0.2 km of Grand Beach Road. This segment was identified in the municipality's asset management plan as a priority for rehabilitative work that will improve accessibility for residents.	\$40,000	\$35,124	Complete
Local Roads and Bridges	Shuniah, Municipality of	McKenzie Beach Road Rehabilitation	The municipality is repaving and rehabilitating 1.1 km of Mackenzie Beach Road. This road was identified in the municipality's asset management plan as requiring work to extend the life of the asset and improve service levels. This rehabilitation is essential for the the community and helps to improve accessibility for residents.	\$175,000	\$13,888	Complete
Local Roads and Bridges	Simcoe, County of	Replacement of a Culvert Crossing Sucker Creek on CR 45	Replacement of an existing 3 x 1.8 m diameter corrugated steel pipe in poor condition near end of its useful life with a 4.2 m wide and 2.4 m high concrete box culvert which improved the drainage condition at this water crossing.	\$1,516,400	\$903,116	Complete
Local Roads and Bridges	Simcoe, County of	Rehabilitation of the Bridge Crossing the Sturgeon River on CR 23	Replacement of the superstructure of a bridge in poor condition, including the installation of new bridge girders, a reinforced concrete deck, and traffic barriers which improved the rideability for the public and extended the life of the structure.	\$2,204,826	\$334,807	Complete
Local Roads and Bridges	Simcoe, County of	Roundabout Construction at the Intersection of CR 21 and CR 56 in Essa Township	The County of Simcoe is reconstructing the intersection of County Road 21 and County Road 56 in Essa Township. A single lane roundabout is being constructed. Associated work includes the relocation of impacted utilities, street lighting, and stormwater infrastructure improvements in the County right-of-way.	\$2,000,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Simcoe, County of	Cold in Place Recycling - CR 6 and CR 54	The County is rehabilitating 5.8 km of County Road 6 and 3.8 km of County Road 54. The asphalt is cracked, rutted and deficient along these sections of road. This project resolves the deficiencies.	\$2,605,700	\$2,605,700	Complete
Local Roads and Bridges	Simcoe, County of	Expanded Asphalt Recycling - CR 22, CR 54 and CR 11	The County is rehabilitating 1.5 km of County Road 22, 2.25 km of County Road 54, and 2.8 km of County Road 11. The asphalt is cracked, rutted and deficient along these sections of road. This project resolves the deficiencies.	\$2,160,876	\$2,160,876	Complete
Local Roads and Bridges	Simcoe, County of	Microsurfacing on Various Roads	The County is microsurfacing the existing surface of seven County Roads to increase the life expectancy and to increase the friction to improve pavement safety. Work is occurring on 2.85 km of County Road 43, 6.2 km of County Road 88, 3 km of County Road 11, 3 km of County Road 64, 1.4 km of County Road 54 and 4.1 km of County Road 26.	\$1,479,772	\$1,479,772	Complete
Local Roads and Bridges	Simcoe, County of	Microsurfacing on Various Roads	The County is microsurfacing the existing surface of six County Roads to increase the life expectancy and increase the friction to improve pavement safety. Work is occurring on 8.9 km of County Road 124, 6.2 km of County Road 16, 3 km of County Road 58, 3 km of County Road 56, 3 km of County Road 26, and 4.1 km of County Road 28.	\$1,425,892	\$0	Complete
Local Roads and Bridges	Simcoe, County of	Archie Duckworth Bridge Rehabilitation	The existing structure was constructed in 1973. The overall length of the bridge is 58.09 m and the roadway width is 8.54 m. The rehabilitation involves patching the deck, new ballast walls, expansion joints, sidewalk overlay, new approach slabs, new parapet walls, concrete repairs to the substructure, deck waterproofing, asphalt paving and steel beam guiderail.	\$1,899,400	\$435,958	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Simcoe, County of	Replacement of County Road 1 Cross Culvert, East of 15 Sideroad	The existing structure is a 19.1 m long, 2,450 mm x 1,800 mm closed bottom concrete box culvert. The structure is located on County Road 1, approx. 1 km east of 15 Sideroad. The existing structure is in poor condition and needs to be replaced. The replacement structure is a 19.52 m long, 2,400 mm x 1,800 mm precast concrete closed bottom box culvert. The construction is being completed in two stages with the use of temporary traffic signals.	\$1,060,000	\$0	Complete
Local Roads and Bridges	Simcoe, County of	CR 1 Over Bailey Creek Culvert Rehabilitation	The construction is being completed in two stages, with the use of temporary traffic signals. The rehabilitation work consists of a superstructure replacement including new precast concrete girders, concrete deck, conversion to semi-integral abutments, new bearings, deck waterproofing, approach slabs, asphalt paving, line painting and steel beam guide rails.	\$1,764,000	\$112,507	Complete
Local Roads and Bridges	Simcoe, County of	Lovering Bridge Rehabilitation	The bridge work includes concrete removals, substructure repairs, concrete deck widening, concrete deck overlay, deck waterproofing, new approach slabs, new bridge barrier system, steel beam guide rail installation, asphalt paving and line painting.	\$1,096,750	\$9,551	Complete
Local Roads and Bridges	Simcoe, County of	Durnford Bridge Rehabilitation	The bridge work includes concrete removals, substructure repairs, concrete deck widening, concrete deck overlay, deck waterproofing, new approach slabs, new bridge barrier system, steel beam guide rail installation, asphalt paving and line painting.	\$884,700	\$5,613	Complete
Local Roads and Bridges	Simcoe, County of	Upper Big Chute Bridge Rehabilitation	The bridge rehabilitation is being undertaken by staged construction using temporary traffic signals. The bridge work includes concrete removals, substructure repairs, concrete deck widening, concrete deck overlay, deck waterproofing, new approach slabs, new bridge barrier system, steel beam guide rail installation, asphalt paving and line painting.	\$1,096,750	\$8,733	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Simcoe, County of	Browns Creek Bridge Rehabilitation	The bridge rehabilitation is being undertaken using staged construction with the use of temporary traffic signals. Work involves superstructure replacement, roadway protection, new girders, deck, waterproofing, conversion to semi-integral abutments, concrete patches to substructure, new approach slabs, box beam railings, new steel beam guiderails, new asphalt roadway, line painting and repair to eroded slopes with rip rap.	\$2,329,500	\$784,246	Complete
Local Roads and Bridges	Simcoe, County of	McArthur Culvert Rehabilitation	The culvert rehabilitation is being undertaken using staged construction with the use of temporary traffic signals. Work involves reconstructing the upstream and downstream ends of the concrete rigid frame, constructing new concrete headwalls, removing asphalt and excavating backfill to expose the top of the culvert to install waterproofing, backfilling, constructing new concrete curb and gutter, installing new steel beam guiderails, placing new asphalt roadway, and line painting.	\$952,500	\$0	Complete
Local Roads and Bridges	Simcoe, County of	Tioga Bridge Rehabilitation	The Tioga bridge was built in 1968. The structure is located on County Road 13, 0.54 km south of Tosorontio Sideroad 17. The bridge is an exposed concrete deck slab on I Girder structure. The scope of work includes a superstructure replacement with new steel I girders, a new concrete deck, waterproofing, new parapet walls, approach slabs, expansion joints, substructure repairs, asphalt paving, line marking, and slope stabilization along watercourse.	\$5,193,200	\$1,653,526	Complete
Local Roads and Bridges	Simcoe, County of	County Road 50 at 20 Sideroad Slope Stabilization	The existing east embankment slope shows evidence of destabilization and is too steep to maintain overall stability when subjected to storm water runoff, resulting in a series of localized failures. The slope ranges from approximately 1:1 to 2:1. Slope stabilization will include installation of a 2 m high gabion basket wall coupled with applied slope flattening of 2:1, modification of concrete curb and gutter and location of outlet, and reconstruction of the shoulder and rip rap spillway.	\$650,000	\$2,225	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Simcoe, County of	Concession 3, Lot 1 Culvert Rehabilitation	The existing culvert is a 53.0 m long, 4800 mm x 2800 mm single span corrugated steel pipe arch under approximately 9.5 metres of fill at the center of the structure. The existing culvert was constructed circa 1970. The culvert is in very poor condition with severe corrosion along the bottom of the barrel and permanent deformation along the interior of the barrel. This project is for the installation of a 3600 mm x 2100 mm steel liner within the existing culvert.	\$3,484,000	\$0	Complete
Local Roads and Bridges	Simcoe, County of	Nottawasaga River Bridge Rehabilitation	This project is for the concrete deck replacement and cleaning / recoating of structural steel girders on the bridge crossing the Nottawasaga River. The construction occurs in two stages - Stage 1 in 2018 and Stage 2 in 2019. Traffic is reduced to a single lane with the use of temporary traffic signals during construction.	\$1,540,000	\$0	Complete
Local Roads and Bridges	Simcoe, County of	Reconstruction of County Road 17 from Severn Falls north to the Big Chute	The County of Simcoe is reconstructing County Road 17 from Severn Falls north to the Big Chute (7 km) and rehabilitating Tea Lake Bridge. The reconstruction of County Road 17 provides a road platform width of 11.5 m consisting of a 3.75 m wide lane and a 2 m wide shoulder in each direction.	\$17,600,000	\$0	Complete
Local Roads and Bridges	Sioux Lookout, Municipality of	8th Avenue Infrastructure Upgrades	The intent of the project is to improve the water distribution of 112 m of storm sewers, sanitary sewer and road with surface work which has depreciated and caused problems.	\$1,694,143	\$677,807	Complete
Local Roads and Bridges	Sioux Narrows-Nestor Falls, Township of	Municipal Road Resurfacing	As identified in our Asset Management Plan, 6.3 lane-km of road throughout the Township exceeded their expected lifespan and were in need of rehabilitation. The Municipal Road Resurfacing project saw both single and double surface treatment of various municipal roads in our Township to a width of 20 feet. The project also involved replacement of some primary culverts ahead of the resurfacing, and ditching. This work ensures the continued safety of the road for pedestrians & vehicles.	\$135,844	\$35,640	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Smiths Falls, Town of	Sidewalk Improvements on Lombard Street	The sidewalk on Lombard Street from Abbott Street to Ferrara Drive (300 m) was upgraded to improve accessibility (with the installation of accessibility ramps and disability aids), address width concerns, and facilitate pedestrian movement in the area. New monolithic sidewalk was placed to connect a residential area to a commercial business area, promoting healthy living and providing an alternative to driving to the store and area parks along the Rideau Canal.	\$161,383	\$161,383	Complete
Local Roads and Bridges	Smiths Falls, Town of	Signalization Improvements at the Intersection of Lombard St and Abbott St	Improvements were made to the area around the intersection of Lombard Street and Abbott Street to address poor road conditions, outdated signalization, and accessibility needs. A right turning lane was added to the intersection to improve functionality, and upgraded LED signals with audible signals were installed. Upgrades will improve levels of service at the intersection during peak operations and will serve future traffic growth.	\$576,745	\$294,717	Complete
Local Roads and Bridges	Smiths Falls, Town of	County Road 43 (Queen St.) Rehabilitation	The Town is rehabilitating approximately 1.25 km of Queen St. (from Hershey Dr. to the Town's boundary located 1.25 km to the east). Two courses of asphalt micro surfacing treatments (levelling course/wear course) are being placed on the existing two-lane rural roadway to improve surface rideability and extend pavement lifecycles.	\$69,177	\$69,177	Complete
Local Roads and Bridges	Smiths Falls, Town of	Cornelia St. Rehabilitation	The Town rehabilitated 0.52 km of Cornelia St. (between William St. and Elmsley St. including intersections). Work involves both design and rehabilitation of the three-lane arterial roadway, including topographic survey, geotechnical evaluation, milling and removal of existing pavements, ironworks adjustments and placement of two new lifts of new high performance asphalt pavement. Work has upgraded the condition rating of this section of road in our asset management plan from fair to very good.	\$498,699	\$165,412	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Smiths Falls, Town of	Lombard St. Rehabilitation	The Town is rehabilitating approximately 0.3 km of Lombard St. Work involves both design and rehabilitation of the three-lane arterial roadway, including, milling and removal of existing pavements, ironworks adjustments and placement of two new lifts of high performance asphalt. Work will upgrade the condition rating of these assets from very poor to very good.	\$910,683	\$0	Complete
Local Roads and Bridges	South Algonquin, Township of	Road and Drainage Improvements Across the Township	This project provides progressive improvements in the areas of Airy, Lyell, Murchison & Sabine including: replacement of deteriorated CSP culverts with new longer life HDPE culverts, raising road grade, reshaping drainage, bedrock removals, widening road sections and expansion of snow plow turnarounds. The main objective of this project is to reduce annual maintenance cost and improve road safety by affecting betterments that are specifically targeted to address identified reoccurring problems.	\$110,349	\$51,679	Complete
Local Roads and Bridges	South Bruce Peninsula, Town of	Reconstruction of Purple Valley Road	Purple Valley Road was reconstructed from Wright's Crescent to Coveney's Road (approximately 2 km). This is a well-traveled corridor leading to Neyaashiingmiing with an approximate annual average daily traffic count of 820 vehicles per day (which fluctuates seasonally to almost 1000 vehicles per day). This section was prioritized for conversion from a tar and chip surface to a high-class bituminous surface due to its poor condition and to provide a more robust structure.	\$310,822	\$70,000	Complete
Local Roads and Bridges	South Bruce Peninsula, Town of	Berford Street Reconstruction	This is the most important project for our community in a decade. Prov. Hwy 6 connecting Southern Ontario to Bruce Peninsula passes through the centre of Wiarton as Berford St. and is the most important road in our municipality. The reconstruction involves 400 m of road base reconstruction, asphalt, concrete sidewalks, streetlighting and traffic signals. Also, 80 year old sewer/storm/water pipes identified by our AMP as top priority with significant consequence of failure will be replaced.	\$12,032,580	\$728,105	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	South Bruce, Municipality of	Con12 E Carrick Rehabilitation from Hwy 9 to SR20N	The municipality is rehabilitating Con 12 East Carrick from Hwy 9 to SR20 North. This section of road is in very poor condition and was identified in the recent Road Needs Study as needing work immediately. Heavier and increased traffic have led to the significant deterioration of the road. Resurfacing will restore the crown of the road, remove existing potholes, cracking and deficiencies, improve roadside drainage and provide a smoother surface to ensure the safety of local residents.	\$552,752	\$444,305	Complete
Local Roads and Bridges	South Dundas, Municipality of	Broken Second Road Rehabilittation	Work includes the replacement of a two ft failed cross culvert, the reinstatement of stone and asphalt and the placement of a micro surface treatment on 2.8 km from the the CN railway crossing westerly to Marine Station Road.	\$78,715	\$78,715	Complete
Local Roads and Bridges	South Dundas, Municipality of	Kirker Road Rehabilitation	As identified in the 2019 Road Needs Study, 4.7 km of Kirker Road was in need of rehabilitation. Work involves the replacement of two of 5 ft and one 2 ft cross culverts that have failed, as well as the placement of stone and asphalt followed by a micro surface treatment.	\$152,237	\$152,237	Complete
Local Roads and Bridges	South Frontenac, Township of	Upgrade and Widening of Carrying Place Road from Burnt Hills Road to Pine Point Road	This gravel road was fully reconstructed, upgraded and widened from Burnt Hills Road to Pine Point Road (2.4 km). Work involved land acquisition for realignment, rock breaking, ditching, and double surface treatment. The upgrade will benefit residents inhabiting the 163 properties with direct access to Carrying Place Road or access from a private lane.	\$1,487,800	\$494,808	Complete
Local Roads and Bridges	South Frontenac, Township of	Upgrade and Widening of Hinchinbrooke Road (Desert Lake Road to 5.4 km South)	Reconstruction, widening, and realignment of Hinchinbrooke Road involved property acquisitions, roadside ditching, installation of roadside safety barriers, utility pole relocations, and the application of a new double surface treatment. The upgrade will benefit the approximately 160 properties with direct access to the road or access through a private lane.	\$1,793,100	\$200,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	South Frontenac, Township of	Upgrade of Deyos Road from Desert Lake Road to Bunker Hill Road	This gravel road is being upgraded and widened over a length of 3.6 km. Work involves design, ditching, rock breaking, realignment of the road, installation of roadside guiderails, and application of a double surface treatment. The upgrade will benefit the 96 properties with direct access to Deyos Road or take access to Deyos Road from a private lane.	\$1,556,800	\$189,923	Complete
Local Roads and Bridges	South Frontenac, Township of	Installation of New LED Streetlights at Four Critical Intersections	Addition of new LED streetlights within the Township based on priority assessment and critical intersections. This improves visibility and safety at corresponding intersections.	\$60,000	\$0	Ongoing
Local Roads and Bridges	South Glengarry, Township of	Rehabilitation of Third Line Road - Concession 5 Rd to Concession 9 Rd	Third Line Road was rehabilitated from Concession 5 Rd to Concession 9 Rd (6.6 km) to increase the lifecycle of the asset and improve the condition rating from a poor to good. Work involved cold-in-place recycling and application of an asphalt overlay.	\$750,000	\$417,001	Complete
Local Roads and Bridges	South Glengarry, Township of	William Street Rebuild (700 m from CR19 to Peanut Line Bridge)	Reconstruction of the village portion of William Street, including sidewalks, storm water management, and steel beam guard rails. □ □ The road condition had deteriorated to a point that reconstruction was required (road traffic was limited in speed due to road base movement). This road highlighted the importance of having up to date hamlet roads into our AMP because the cost of infrastructure (road base, road surface, storm water management) is much higher versus our typical rural routes.	\$1,200,000	\$0	Complete
Local Roads and Bridges	South Stormont, Township of	Rehabilitation and Replacement of Sidewalk	Approximately 735 m of sidewalk were replaced to improve the level of service and meet AODA requirements. Work includes the replacement of sidewalks in higher traffic areas which have reached the end of their useful life. The rehabilitation and replacement extended the life of the sidewalk by 30+ years.	\$87,323	\$87,323	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	South Stormont, Township of	Valade Road Bridge Rehabilitation	Rehabilitation of the Valade Road Bridge superstructure includes deck replacement, new curbs, new barrier system, and patching together with associated road restoration and guide rail replacement. Work extended the expected life of the bridge by 50+ years.	\$428,153	\$428,153	Complete
Local Roads and Bridges	Southgate, Township of	Southgate Sideroad 49 - Pulverize and Asphalt Repaving	The Township is repaving Southgate Sideroad 49 between Highway 89 and Southgate Road 04, paving over the bridge decks of S108 and S109, and improving water run off/drainage. Work includes paved shoulders and considers the use of alternatives such as Cold-in Place pavement technologies.	\$726,292	\$458,122	Complete
Local Roads and Bridges	South-West Oxford, Township of	Rehabilitation of Salford Road - 2 km from Kirwin Farm to Highway 401	Work involves pulverizing and paving this roadway, with additional work along this stretch to fix any drainage issues, culverts, and hills. This asset is being rehabilitated in line with the 15-year capital plan and fits within the asset management plan.	\$357,498	\$317,512	Complete
Local Roads and Bridges	South-West Oxford, Township of	Rehabilitation of Salford Road (Culloden to Pigram)	The Township is pulverizing and paving Salford Road with additional work along the stretch between Culloden Line and Pigram Road to fix any drainage, culverts, and hills. This work is in line with the 15 year Capital Plan and fits within the asset management plan.	\$233,405	\$979	Complete
Local Roads and Bridges	Southwold, Township of	Improvements to Various Gravel Roads	Granular resurfacing of approximately 32 km of low volume, unpaved roads, including Fourth Line, Stafford Line, Sixth Line, Lawrence Rd, Oneida Road, Ashmore Road, MacDiarmid Line, Burwell Rd, Coon Rd, Munro Smith Road, Scotch Line. Over the years, the surface gravel has depleted due to vehicular traffic as well as grading, snowplowing and weather activities. Re-gravelling the surface reduces the dust and run off and reduces greenhouse gas emissions due to poor travel conditions.	\$350,000	\$303,207	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Vigo Rd	A single micro surface treatment was applied to Vigo Road between Flos Rd Four W and Flos Rd Five W. This treatment will extend the useful life of the road and provide residents with a smooth riding surface.	\$46,881	\$46,881	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Springwater, Township of	Resurfacing Sandy Bend Rd	A single micro surface treatment was applied to the full length of Sandy Bend Rd. This treatment will extend the useful life of the road and provide residents with a smooth riding surface.	\$25,521	\$25,521	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Lawrence Ave	A double micro surface treatment was applied to Lawrence Ave between Wilson Dr and Ghibb Ave in Anten Mills. This treatment will extend the useful life of the road and provide residents with a smooth riding surface.	\$30,187	\$30,187	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Peacher St	A double micro surface treatment was applied to Peacher St from Lawrence Ave to Luella Blvd in Anten Mills. This treatment will extend the useful life of the road and provide residents with a smooth riding surface.	\$7,992	\$7,992	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Pineview Ave	A double micro surface treatment was applied to Pineview Ave between Alexander St and Lawrence Ave in Anten Mills. This treatment will extend the useful life of the road and provide residents with a smooth riding surface.	\$10,609	\$10,609	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Portage Trail	A single micro surface treatment was applied to Portage Trail between George Johnston Road and Grenfel Rd. This treatment will extend the useful life of this rural road and provide the agricultural community with a smooth riding surface as they transport their goods to the County or MTO roads.	\$39,395	\$39,395	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Old Orchard Rd	A single micro surface treatment was applied to Old Orchard Rd between Grenfel Rd and Pinegrove Rd. This treatment will extend the useful life of this rural road and provide the agricultural community with a smooth riding surface as they transport their goods to the County or MTO roads.	\$32,167	\$32,167	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Golf Course Road	A double micro surface treatment was applied to Golf Course Rd for 1.7 km north from Hendrie Rd. This treatment will extend the useful life of this rural road and provide the agricultural community with a smooth riding surface as they transport their goods to the County or MTO roads.	\$67,007	\$67,007	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Springwater, Township of	Upgrading Guiderails on Local Roads	The Township upgraded guiderails to meet the current Roadside Design Manual and OPSD requirements. Guiderails were upgraded on Golf Course Rd (for 0.5 km north of Hwy 26), Wilson Dr (for 1.4 km south of Hendrie Rd), Nursery Rd (for 1.6 km south of Hendrie Rd), Mill St (for 1.2 km east of Hwy 93), and Flos Rd 10 W (for 0.01 km west of Cty Rd 27), and Tiny-Flos Townline (for 0.9 km west of Ushers Rd).	\$203,397	\$203,397	Complete
Local Roads and Bridges	Springwater, Township of	Converting Flos Rd Six W to Hardtop	Flos Rd Six W was upgraded from gravel to hard surface with a double surface treatment between Crossland Rd and Vigo Rd. This treatment provides a hard top surface for residents that use this rural road and provide the agricultural community with a smooth riding surface as they transport their goods to the County or MTO roads.	\$148,813	\$148,813	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Flos Rd Eleven W	A single surface treatment was applied to Flos Rd Eleven West from County Rd 27 to 1 km west of Ushers Road. This treatment will extend the useful life of this rural road and provide the agricultural community with a smooth riding surface as they transport their goods to the County or MTO roads.	\$95,320	\$95,320	Complete
Local Roads and Bridges	Springwater, Township of	Installation of an Intersection Pedestrian Signal in Hillsdale	This project is to upgrade the existing Pedestrian Cross Over (PXO) to an Intersection Pedestrian Signal (IPS) to improve pedestrian safety when crossing Highway 93 in the village of Hillsdale. The IPS is being installed at the corner of Highway 93 and Albert St.	\$225,000	\$112,952	Ongoing
Local Roads and Bridges	St. Catharines, City of	Resurfacing on Various Roads	This road resurfacing project addresses several locations where pavement distress has been assessed as needing correction. Work is occurring on Admiral Rd (from Hartzel Rd to Park Ave), Park Ave (from Rockwood Ave to Admiral Rd), Catharine St (between Maple St and Russell Ave), Page St (between Queenston St and Welland Ave), and Lake St (between Prince Edward Dr and Lakeshore Rd, and between Lakeport Rd and Prince Edward Dr).	\$1,736,000	\$913,388	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	St. Catharines, City of	Sidewalk Reconstruction on St David's Rd	Replacement of deteriorated sidewalks on St David's Road between Barbican Gate and Burleigh Hill Drive. This work is being completed in conjunction with Regional road reconstruction.	\$140,000	\$7,164	Ongoing
Local Roads and Bridges	St. Catharines, City of	Grantham Rail Trail Upgrades	This project will improve a 3.7 km section of the existing Grantham Rail Trail between Roehampton Ave (Lincoln Mall) and Linwell Rd by upgrading the existing trail with crushed gravel/screening. These improvements will provide a higher standard for accessibility and usability and match the section between Linwell Rd and Sunset Beach. These improvements will help to create a north/south Active Transportation route in the east end of the City from Lincoln Mall (Roehampton Ave) to Sunset Beach.	\$400,000	\$0	Ongoing
Local Roads and Bridges	St. Catharines, City of	Sidewalk Replacement on Russell/Woodland	Replacement of deteriorated sidewalks in conjunction with road and underground improvements, along Russell Ave between George Street and Geneva Street. Project will provide safe sidewalks for residents' use.	\$155,000	\$4,046	Ongoing
Local Roads and Bridges	St. Catharines, City of	Construction of Bicycle Lanes on Third Street Louth	Utility relocations, road widening, and road resurfacing on Third Street Louth to accommodate bicycle lanes from the South Service Road to Third Avenue Louth.	\$4,010,000	\$229,206	Complete
Local Roads and Bridges	St. Catharines, City of	Third Avenue Louth Bridge Improvements	Engineering and construction services to replace the bridge and address deficiencies over Richardson's Creek on Third Avenue Louth.	\$890,000	\$26,642	Complete
Local Roads and Bridges	St. Catharines, City of	Rehabilitation/Reconstruction of Dunkirk, Cushman and Dieppe Roads	The project involves the removal of the grade separation and the existing bridge structure, built in 1963 at Dunkirk Rd / Cushman Rd, due to its poor condition and the bad roadway/intersection configuration. After the removal of the bridge structure, Dunkirk, Cushman and Dieppe Roads (approximately 0.25 km or 250 m of road) are being rehabilitated/reconstructed to improve roadway condition and intersection/roadway safety.	\$1,110,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	St. Catharines, City of	Pelham Road Bridge Design and Rehabilitation	Rehabilitation of the existing three-span bridge structure that was constructed circa 1966, which consists of a concrete slab on precast pre-stressed hollow core girders. The rehabilitation involves patching of the reinforced concrete overlay/deck; waterproofing and paving of the bridge deck; concrete patch repairs to sidewalks, substructure and soffit; replacing expansion joints; and construction of new parapet walls.	\$1,929,966	\$19,628	Complete
Local Roads and Bridges	St. Catharines, City of	Third St Louth Culvert Replacement	Replace the existing box culvert with identified structural deficiencies on a tributary of Richardson Creek from Third Street Louth to 90 m south of the CN railway.	\$850,000	\$0	Ongoing
Local Roads and Bridges	St. Clair, Township of	Rehabilitation of Bridge 32 on Lambton Line over East Otter Creek	The bridge is in overall fair to good condition, however there are elements such as the parapet wall, deck and guardrail that needs rehabilitation. This is a strategic investment that will extend the life of the asset and reduce lifecycle costs.	\$215,000	\$212,453	Complete
Local Roads and Bridges	St. Clair, Township of	Rehabilitation of Bridge 45 on Kerr Line over West Otter Creek	This bridge is currently one of the lowest rated bridges in the Township with a bridge condition index of 32 (which is poor). The concrete abutments, deck and curbing are all in poor condition, necessitating a complete replacement. This bridge is being replaced with a precast concrete structure and will have a lifespan of approximately 100 years.	\$425,000	\$384,913	Ongoing
Local Roads and Bridges	St. Clair, Township of	Surface Treatment on Rokeby Line, Moore Line, and Wilkespor Line	This project involves the application of surface treatment to Rokeby Line (from Manaumin to Telfer), Moore Line (from Ladysmith to Tecumseh) and Wilkespor Line (from St. Clair Parkway to the Campground). In total, 8 km are being surface treated. These roads are considered high priorities within the asset management plan.	\$300,000	\$243,761	Complete
Local Roads and Bridges	St. Joseph, Township of	Riverside Drive Paving	The hard surfacing of 2.3 lane-km of Riverside Drive, an existing gravel roadway, will provide a safe, serviceable road surface to the residents of this road.	\$65,270	\$50,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	St. Joseph, Township of	Resurfacing I Line	The surface treatment of the I Line (from 20th Sideroad to V Line) will provide a safe, serviceable road surface. This work will prevent the road from deteriorating to the point that more extensive and costly reconstruction would be required.	\$47,689	\$34,387	Complete
Local Roads and Bridges	St. Joseph, Township of	Resurfacing A Line	The surface treatment of the A Line (from C line to D Line) will provide a safe, serviceable road surface. This work will prevent the road from deteriorating to the point that more extensive and costly reconstruction would be required.	\$81,330	\$70,000	Complete
Local Roads and Bridges	St. Marys, Town of	Waterloo St and Elizabeth St Reconstruction	Work involves replacement of the road base, new asphalt, concrete curb and gutter, sidewalk, storm sewer and water services. Waterloo St and Elizabeth St do not have the proper base and are in poor condition. Both were recommended for improvement in the Town's most recent Roads Assessment Study. Both streets regularly pond due to poor grading and lack of formal storm sewer infrastructure. Sidewalks do not currently exist, forcing pedestrians to walk on the road.	\$1,122,000	\$277,992	Ongoing
Local Roads and Bridges	St. Thomas, City of	Road Reconstruction and Underground Infrastructure Replacement on Locust, Fourth, Weldon, and Pine	This project includes 2.57 lane-km of road, water, and sewer reconstruction to provide modern multipurpose streets that appropriately support all modes of transportation.	\$6,800,000	\$846,705	Complete
Local Roads and Bridges	St. Thomas, City of	Rehabilitation of Local Roads	The City is rehabilitating 4.17 lane-km of local roads. Work involves resurfacing, pavement structure reconstruction, maintenance hole raising, and curb & sidewalk replacements. A complete streets approach is being undertaken during the design process, including opportunities to make improvements to sidewalks, cycle paths, road geometrics, streetscape, integration with schools/parks/private land use, bus stops & shelters, etc.	\$2,000,000	\$1,564,652	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	St. Thomas, City of	Road Reconstruction and Underground Infrastructure Replacement on Barnes, Centre, White, and Stanley	This project includes high priority road, water and sewer combined reconstruction projects in St. Thomas supported by the City's asset management plan. Watermain, sanitary, storm, and road infrastructure was reconstructed in the Barnes St area (on Barnes St/Lydia Stand Jonas St), on Stanley St (from William St to Centre St), Centre St (from Princess St to Elgin St), and White St (from Centre St to Mitchell St). Work on the Trans-Canada multi-use path was additionally completed on Centre St.	\$10,500,000	\$927,342	Complete
Local Roads and Bridges	Stirling-Rawdon, Township of	Reconstruction of Infrastructure in the Downtown Core	This project updates a good portion of the downtown core - correcting a bottleneck on North St, alleviating health and safety concerns on Mill St, and improving water and sewer lines. Work involves reconstructing Henry St (from the bridge to West Front St), West Front St (from Henry St to East Front St), East Front St (from West Front St to the west side of the bridge), North St (from West Front St to Church St/Victoria St), and Mill St E (from North St to James St).	\$6,862,528	\$103,699	Ongoing
Local Roads and Bridges	Stone Mills, Township of	Surface Treatment of Lake Road and Colebrook Road	This project is for the rehabilitation and surface treatment of 20 lane-km of Colebrook Road and Lake Road. Work allows for a smoother ride, will help to reduce greenhouse gas emissions, and help to reduce future maintenance costs.	\$220,145	\$136,224	Complete
Local Roads and Bridges	Stone Mills, Township of	Road Rehabilitation & Drainage improvements - Dewey Rd	Rehabilitation of Dewey Road with drainage improvements to reduce green house gas emissions due to improved vehicle traffic economies.	\$1,899,630	\$108,046	Ongoing
Local Roads and Bridges	Stormont, Dundas & Glengarry, United Counties of	Reconstruction and Resurfacing of SDG 18	This section of SDG 18 extends across 6,300 m of road. The project scope includes operations such as cold in place recycling with expanded asphalt to a 100 mm depth, a 50 mm lift of hot mix resurfacing, and shouldering. Cold in place stabilizes the existing base providing a solid foundation for the surface. It utilizes one hundred percent of the existing asphalt material limiting material waste. This will improve surface friction and drainage for safe travel.	\$1,032,363	\$899,781	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Stormont, Dundas & Glengarry, United Counties of	Reconstruction and Resurfacing of SDG 13	This section of SDG 13 extends across 6,510 m of road. The project scope includes operations such as cold in place recycling with expanded asphalt to a 100 mm depth, a 50 mm lift of hot mix resurfacing, and shouldering. Cold in place stabilizes the existing base providing a solid foundation for the surface. It utilizes one hundred percent of the existing asphalt material limiting material waste. This will improve surface friction and drainage for safe travel.	\$1,113,738	\$1,113,738	Complete
Local Roads and Bridges	Stormont, Dundas & Glengarry, United Counties of	Reconstruction and Resurfacing of SDG 34	This section of SDG 34 extends across 9,980 m of road. The project scope includes operations such as cold in place recycling with expanded asphalt to a 100 mm depth, a 50 mm lift of hot mix resurfacing, and shouldering. Cold in place stabilizes the existing base providing a solid foundation for the surface. It utilizes one hundred percent of the existing asphalt material limiting material waste. This will improve surface friction and drainage for safe travel.	\$2,051,687	\$2,051,687	Complete
Local Roads and Bridges	Stratford, City of	Romeo Street Resurfacing	The City is resurfacing 2.5 km of Romeo Street and 0.4 km of CH Meier Boulevard. Both streets are arterial truck routes, and the work will improve the condition and extend the life of the assets.	\$1,550,000	\$698,237	Complete
Local Roads and Bridges	Stratford, City of	Redford Crescent Reconstruction	Approximateley 700 m of Redford Crescent is being reconstructed. The existing pavement has an average PCI of 28, the existing watermain has 14 historic breaks and the sanitary sewer is aged with intermittent sags. New watermain, sanitary sewer and some storm sewer are being installed, along with the road reconstruction. The street will have a new continuous sidewalk with a consistent width of 7.6 m.	\$3,050,000	\$125,188	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Strathroy-Caradoc, Municipality of	Construction and Upgrade of Sidewalk	Approximately 513 m of new sidewalks were installed and 162 m of existing sidewalk were upgraded to new development standards. These works were completed in the two urban centers of Strathroy and Mount Brydges. Several of the existing sidewalks did not meet our current 1.5 m width standard (as they were 1.2 m to 1.3 m wide), so these were upgraded to the current standard.	\$129,994	\$86,248	Complete
Local Roads and Bridges	Strathroy-Caradoc, Municipality of	Reconstruction of Caradoc St from Metcalfe St to English St (Phase 3)	Complete reconstruction of the main artery through Strathroy to address stormwater control issues which led to localized flooding. Work included replacement and reconstruction of all municipal services of water, wastewater, stormwater, curb and gutters and the reconstruction of the road. This project also involved extending a stormwater and sewer trunk under the CN railway to add servicing capacity on the south side of the track to increase capacity to reduce flooding issues.	\$2,909,876	\$269,866	Ongoing
Local Roads and Bridges	Strathroy-Caradoc, Municipality of	Century Drain Road Culvert Replacement	Replacement of a drainage box culvert as per the bridge and culvert report and the asset management plan.	\$500,000	\$45,523	Ongoing
Local Roads and Bridges	Strathroy-Caradoc, Municipality of	Resurfacing Local Roads	Work involves pulverizing and applying tar and chip to 12 lane-km of local road to improve rideability and cross drainage and to extend the life of the roadway.	\$600,000	\$300,000	Complete
Local Roads and Bridges	Strathroy-Caradoc, Municipality of	Upgrade of McEvoy Road from Glengyle Dr to Inadale Dr (Phase 2)	Due to increased traffic and increase in supplementary farming activities, the municipality completed the second of three phases of converting this tar and chip road to a rural paved roadway. Also included in the project was widening of the travelled portion to increase safety for cyclists as this is a favourite road for local cyclists. At the same time, cross drainage of the road was improved to enhance the durability of the roadway.	\$4,517,479	\$300,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Strong, Township of	Road Surface Treatment on Machar Strong Boundary Road	MicroSeal Treatment applied to a double-surface treated road. This project extended the life of Machar Strong Boundary Road, through the application of microseal from Uplands Road to Park Road (3.7 kilometers). This project has been identified in the 2021 Asset Management Plan as a priority project.	\$108,180	\$87,746	Complete
Local Roads and Bridges	Strong, Township of	Road Surface Treatment on Muskoka Road	Double surface treatment was applied to Muskoka Road from Valley View Road to the Bridge (south of Valley View Road). The work done on this road has been identified in the 2021 Asset Management Plan and has provided a connection between existing surface-treated roads. The DST has been applied to 2.4 km of Muskoka Road.	\$146,648	\$92,676	Complete
Local Roads and Bridges	Sundridge, Village of	Rehabilitation of Robert St and Mill Street	Necessary construction on Robert Street and Mill Street. Robert Street was identified as one of our roads in the worst condition in our asset management plan. Safety of both pedestrian and vehicular traffic on this road is a concern to the municipality. Inadequate drainage is also being addressed.	\$164,101	\$164,101	Ongoing
Local Roads and Bridges	Tay Valley, Township of	Upper Scotch Line Road Reconstruction	The Township is rehabilitating 4.1 km of Upper Scotch Line between County Road 10 and Menzies Munro Side Road. The scope of work includes pulverizing the existing road base, placement of new gravel for the road base, culvert replacements and ditching. A double surface treatment and fog seal was also applied as a driving surface. This project has been identified in the Township's asset management plan as a priority project.	\$431,704	\$179,666	Complete
Local Roads and Bridges	Tay, Township of	Resurfacing a Section of Newton Street	The objective of this project is to improve the condition of a 1,200 m section of Newton Street, beginning at Highway 12 and continuing south on Newton Street. This important commuter road had deteriorated to the point of needing a full depth reclamation of the existing surface, fine grading and compaction, placement of H4L asphalt (65 mm depth x 6.5 m wide), asphalt gutters, and granular A type 1 shoulder on both sides of the road. Driveway restoration was also completed for impacted residents.	\$365,550	\$257,315	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Tecumseh, Town of	Manning Road Reconstruction - Phase 3	Phase 3 relates to the road reconstruction component of the project from Riverside Dr to St Gregory's road including improvements to an urban cross-section that accommodates pedestrians, cyclists and urban design features to create an aesthetically pleasing gateway into Lakewood Park. The project also includes a new parking lot at Lakewood Park, flood control berms in the park, road improvements on Little River Blvd and the development of existing tree protection measures.	\$7,226,000	\$0	Ongoing
Local Roads and Bridges	Tehkummah, Township of	Roger Creek Bridge Replacement	Replace Roger Creek Bridge to ensure that local and seasonal residents can continue to safely cross Rogers Creek.	\$193,950	\$24,244	Complete
Local Roads and Bridges	Temiskaming Shores, City of	Resurfacing Local Roads	Road resurfacing is a major concern within the City. Local road resurfacing will benefit the community and will ensure the condition of the roads remain within reasonable standards. □ □ In 2021, approximately 34,393.8 sq. m. of local roads were pulverized and resurfaced with hot mix asphalt. An additional 20,258 sq. m. received an application of granular A and single surface treatment and 18,971.2 sq. m. of road were milled and paved.	\$1,989,903	\$1,544,491	Complete
Local Roads and Bridges	Terrace Bay, Township of	East Beach Road Construction	Work involved the removal of trees to widen a single lane roadway to a double lane roadway. Granular A and B were also applied to bring the road up to standard to allow for additional parking for large RVs. Approximately 0.54 lane-km of road were affected in total.	\$87,882	\$87,882	Complete
Local Roads and Bridges	Terrace Bay, Township of	Resurfacing Lakeview Dr	The Township resurfaced 72 sq m of asphalt roadway that was dug up to repair watermain on Lakeview Drive.	\$7,245	\$7,245	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Thames Centre, Municipality of	Gravel Road Improvement to Hard Surface on Gladstone Drive	Conversion of 8.9 km of existing gravel surfaced road to hard surface tar and chip on two sections of Gladstone Drive. Work involves miscellaneous base repairs, ditching improvements, tree trimming and removal to increase sightlines, and tar and chip surface installation to increase pavement structure strength. The conversion will result in fewer potholes and improved road drainage.	\$975,168	\$690,650	Complete
Local Roads and Bridges	Thames Centre, Municipality of	Replacement of the Humphrey Drain Culvert on Cobble Hills Road	The existing pipe arch culvert is being replaced with a new cast-in-place concrete box culvert. Replacement of this structure was recommended in the 2018 Bi-annual Bridge & Culvert Assessment Study. The new structure will allow the 25 tonne restriction to be removed.	\$390,646	\$0	Complete
Local Roads and Bridges	The Blue Mountains, Town of	Culvert Replacement on Pretty River Road	Removal and replacement of a 3.0 m wide culvert that was installed in 1960. This culvert was transferred to the Town from Grey County in 2003 with Grey Road 31. There is a 15 tonne load restriction over the existing culvert.	\$467,250	\$49,607	Complete
Local Roads and Bridges	The Nation Municipality	Rehabilitation of Various Roads	The Municipality is resurfacing and rehabilitating various roads, rebuilding the bases from 150mm to 200 mm of type A & b, followed by paving the surfaces. The combined road length covered by this project is approximately 8 km. Construction and paving will improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air.	\$798,436	\$798,436	Complete
Local Roads and Bridges	Thessalon, Town of	Water Street Paving	The Water Street Paving project consisted of improvements to the grading, drainage and granular base as well as replacement of hot mix asphalt from the intersection of Government Road to the end of Water street. This Asset had been identified in our Asset Management Plan which required renewal and/or replacement of the road base and surface treatment. The resurfacing will extend the useful life of this high traffic road section, thus reducing the annual maintenance cost and improve fuel economy	\$109,367	\$109,367	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Thessalon, Town of	John Fullerton Bridge Revitalization	This project involved correcting an undermining/void, and the preparation of a report/plan with different options to correct/fix/replace identified issues.	\$11,161	\$0	Complete
Local Roads and Bridges	Thessalon, Town of	Government Road Bridge Revitalization	This project consisted of erosion control to correct moisture adjacent to the structural steel and to prevent undermining of the approach slab(s).	\$8,193	\$0	Complete
Local Roads and Bridges	Thornloe, Village of	Extension of Lillie Street	Lillie St was extended approximately 125 m west of Church St to allow for future development in the Village. At least one residence will be built on this new road with the possibility of another one in 2022.	\$19,537	\$19,537	Complete
Local Roads and Bridges	Thorold, City of	Railway Track Removal	Old unused train tracks were removed from crossings on Richmond St, Ormond St, Lyndon St, Cleveland St, Pine St, Cunningham St. Gio Railway has no trains operating on this spur and they are in the process of abandoning and removing all the tracks; most of the tracks have deteriorated over time. Railway track removal will improve the City's traffic flow and circulation.	\$146,621	\$146,621	Complete
Local Roads and Bridges	Thorold, City of	Resurfacing of Rural Roads	This project will improve traffic flow and circulation. Roads are selected for resurfacing based on condition and traffic volume. Work was completed on portions of Kottmeier Road (2,500 m), Hurricane Road (879 m), River Street South (150 m), Bartlett Street South (39 m) and Mackan Street (181 m). Road resurfacing included pulverization, re-grading, and re-surfacing of the roads with a double layer of tar and chip.	\$295,000	\$294,250	Complete
Local Roads and Bridges	Thorold, City of	Reconstruction of Broderick Ave	Broderick Avenue is a busy city street that has deteriorated over time and is in need of full reconstruction. The road has very poor to fair PCI indexes and requires significant drainage improvements in order to restore the roadway to an acceptable level. Project design is being undertaken for a proper urban standard. The project includes the replacement of the existing storm sewer and reconstruction of approximately 750 m of the roadway.	\$277,400	\$35,974	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Thunder Bay, City of	Asphalt Rehabilitation on Edward, Hutton, Huron, River, Hazelwood, Victoria and Frederica	Sections of City streets are being rehabilitated by removing the existing asphalt pavement and placing a new layer of asphalt pavement based on the asset management plan. This work also includes rehabilitation as needed to address roadway grading and drainage improvements and to improve sidewalks (90 m), road widening and converting gravel surface to paved surface (3.1 lane km). The overall length of rehabilitation work is 37 lane km.	\$7,038,443	\$4,189,921	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Edward Street Bridge Replacement	The work includes demolition of the existing structure including the salvage of eight girders for reuse in future pedestrian bridge projects. New structure work includes installation of new piles to refusal, abutments, precast concrete girders and approach slabs, new deck, waterproofing and asphalt paving. In addition, rehabilitation of the existing multi-use trail to meet the latest accessibility standard and new multi-use trail along with full lighting components encouraging active citizens.	\$6,000,000	\$2,413,179	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Reconstruction of James Street and Mount Forest Boulevard	The City is fully reconstructing 600 m of Mount Forest Blvd. Work includes excavation of the road base, placement of new granular materials, repairs to street light ducts, and re-paving the street. Work on James Street involves installation of new storm sewer from the CP Rail subway to Kingston Street (390 m) and repairs to catch basins and associated piping. Upgrades also include re-paving the street throughout. The two efforts are expected to improve local drainage and erosion.	\$1,875,367	\$0	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Asphalt Rehabilitation on Dawson, Hazelwood, River, Margaret and Centennial Park Roadway	This project includes the rehabilitation of the pavement surface on several City streets based on Engineering's asset management plan. Work includes removal of the existing asphalt surface and re-paving with new asphalt pavement. The overall length of rehabilitation work is 7.4 centreline km.	\$3,847,339	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Thunder Bay, City of	Reconstruction of Balmoral Street from Hewitson St. to Alloy Dr.	The City is reconstructing Balmoral Street from Alloy Drive to Hewitson Street. Work involves installing storm sewers, replacing asphalt, constructing new multi-use trails on both sides of the street, and reconstructing the Balmoral Street and Harbour Expressway intersection, including installation of double left turn lanes in all quadrants to improve traffic flow at the intersection. Protected left turns will be provided at the signals to improve pedestrian safety.	\$5,328,945	\$0	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Renewal of McKellar Bridge	Due to the load posting on the bridge and the wood deck, emergency upgrades to 50 m of the deck are required to allow the safe passage of trucks across this structure. This bridge is vital for servicing the regional fuel depot for Thunder Bay.	\$886,470	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Reconstruction of Donald Street and Victoria Avenue	This project involves reconstruction of 1.034 km of roadway on Donald Street from Vickers Street to May Street and on Victoria Avenue from Waterloo Street to Edward Street. One pedestrian crossing is also being installed on Victoria Avenue and four traffic signals are being installed at the intersection of Donald Street and Syndicate Avenue.	\$2,029,954	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Sidewalk Replacement: Brown, Van Horne, Syndicate, Crawford	This project involves replacing a total of 1.6 km of sidewalk on Brown Street (from Walsh to Caroline Street), Van Horne Street (from Court to Cumberland Street), Syndicate Avenue (from North Brodie Street to Southern Avenue), and Crawford Avenue (from Francis to Frederica Street), providing approximately 220 residents with access to replaced sidewalk.	\$335,554	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Asphalt Surface Rehabilitation: Dawson, Melbourne, West Riverdale Roads and Franklin, James Streets	This project involves a total of 5 centreline kilometres of roadwork on Dawson and West Riverdale Roads, Franklin and James Streets including gravel treatment and culverts on Melbourne Road.	\$3,104,254	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Thunder Bay, City of	Reconstruction of Junot Avenue from John Street to Walkover Street	This project involves 3.8 lane km expansion to 4 lanes of Junot Avenue from John Street to Walkover Street, including storm sewer, street lighting, a new pedestrian crossover and 1.65 km of new sidewalk. The project is integrated into watermain replacement funded through water rate revenues and new sanitary sewer.	\$3,029,959	\$4,467	Complete
Local Roads and Bridges	Thunder Bay, City of	Road and Water Infrastructure Renewal on Hinton Avenue, Edward and Mary Street	Hinton Avenue, Edward Street and Mary Street are being resurfaced (for a total of 2.6 lane-km. Six streetlights along with sidewalk, curbing and water infrastructure are also being replaced. The project is integrated into 1 km of watermain replacement funded through water rate revenues.	\$1,149,672	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Renewal of Woodcrest Rd Bridge	Replacement of Woodcrest Bridge (approximately 50 metres in length) with a multiplayer steel culvert along with minor rehabilitation approach work to match in on each end but no significant paving. Design work done in 2016 with replacement in 2022.	\$1,584,320	\$1,988	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Sidewalk Replacement on Frederica Street	This project involves replacing 202 m of sidewalk on Frederica Street from Brown St. to Edward St., providing 17 residents with access to replaced sidewalk.	\$185,576	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Pedestrian Bridge Construction on College Recreation Trail	The purpose of this project is to enhance the college trail system and connect the trail network with a 40m long pedestrian bridge near Confederation College.	\$383,832	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Pavement Rehabilitation and Reconstruction	This project involves asphalt surface rehabilitation on 25th Side Rd, Toms Rd 1, Edward St and Brunswick St and paving on Tungsten St (from Central Ave to Alloy Drive) and McKellar St (from Dease St to Cameron St). The total length of rehabilitated and paved roads is 1.8 km.	\$2,355,875	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Rehabilitation of Main Street Bridge	This project involves rehabilitating the bridge deck, waterproofing and paving along with pin cap, abutment and pier rehabilitation. The surface area of the rehabilitated bridge is 3,033 sq m and the length of the rehabilitated bridge is 310 m.	\$5,408,810	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Thunder Bay, City of	Renewal of Cycling/Pedestrian Pathways on Top of Boulevard Lake Dam	Due to deterioration of the deck top along Boulevard Lake dam, metal plates had to be designed and installed to span the deteriorated sections in order to allow safe passage of cycling/pedestrian pathways across the top of the dam. Water structure also ensures a lake area which is used extensively for recreation and manages water flows during storm events.	\$97,212	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Wardrope Ave Road Rehabilitation & Sidewalk Replacement	Renew 2.4 km of two lane roadway on Wardrope Ave from Balsam to Hilldale Road, both base and surface. Work requires the removal of existing asphalt surface, placing new granular material and 2 lifts of asphalt pavement. Also minor ditch cleaning to improve surface water drainage and the replacement of 1.4 km of sidewalk with a multi-use trail.	\$1,250,909	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Road Reconstruction: Empire, Frederica, Kelly and Mary Sts.	Replace approximately 1.3 km of roadway surfaces as required by condition rating assessments. Renew related curb and gutter infrastructure to improve storm water flows. Replace signal and streetlights as well as sidewalks where condition ratings indicate that work is required to be done.	\$1,558,504	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Road Reconstruction: Black Bay, Cumberland, Dawson, Fortune, MacDougall	Surface repair and replacement and associated sidewalk, curb and lighting maintenance attached to street segments as required by capital plans. About 7.7 lane-km of streets are being resurfaced with fresh asphalt. This project also involves creating additional curb cuts and auditory alerts at pedestrian crossings to meet AODA requirements.	\$5,649,058	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Rebuild High Street and Cornwall Street	Significant work is required to reduce issues of visibility and roadway stability in the area of High Street and Cornwall Street. Engineering assessment has identified a risk that the upper roadway could collapse if there is a significant storm event. Base and surface replacement are required as is the renewal of a retaining wall which supports Cornwall Street.	\$2,429,917	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Thunder Bay, City of	Renewal of Water Street Overpass	Rehabilitation of the structure for Marina park pedestrian bridge; Water street Overpass. There will be some minor work to the approaches and railing on the prince Arthur side as the ramp work was already completed. Design work done in 2016 with replacement in 2020. The pedestrian bridge is approximately 85 metres in length.	\$2,043,714	\$598,244	Complete
Local Roads and Bridges	Tillsonburg, Town of	Rolling Meadows Reconstruction - Phase 2 of 2	Phase 2 involves the reconstruction of Owl Dr (from Tanager Dr to Woodcock Dr) and Woodcock Dr (from North St to Pheasant Crt). The project involves the complete reconstruction of pavement structures, including new barrier curb and gutter, sidewalks, installation of new storm sewers and catch basins, and rehabilitation of sanitary sewers and watermains.	\$1,082,000	\$0	Ongoing
Local Roads and Bridges	Tillsonburg, Town of	Resurfacing Local Roads	Partial depth resurfacing (top layer) or full depth rehabilitation (top & bottom layers) with spot curb and gutter repairs are being completed on 1.38 lane-km of various streets within the Town. The streets included in the scope are Lowrie Cres, Jane St, Reid St, Bridge St E, Young St, and Coyle Lane.	\$389,824	\$389,824	Complete
Local Roads and Bridges	Tillsonburg, Town of	Rolling Meadows Reconstruction - Phase 1 of 2	Phase 1 involves the complete reconstruction of Falcon Drive and the two sections of Tanager Drive extending from Falcon Drive to Owl Drive. Work consists of the complete reconstruction of the pavement structure - including the installation of new barrier curb and gutter, sidewalks, watermain and sanitary sewer. Work will alleviate ongoing road maintenance issues resulting from a series of watermain breaks and provide an opportunity to upgrade the area to current municipal design standards.	\$1,290,000	\$0	Ongoing
Local Roads and Bridges	Tiny, Township of	Repaving Baseline Road - County Road 27 to Concession 2	Resurfacing of Baseline Road to provide a better driving surface to the public. This included replacing the double surface treatment with 75 mm of HL4 asphalt.	\$39,477	\$39,477	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Tiny, Township of	Rehabilitation of Golden Mile Bridge	Rehabilitation of the Golden Mile Bridge on Marshall Road to extend its service life. This includes spot replacements of concrete, waterproofing, barrier repairs, and repaving of the surface.	\$27,154	\$6,207	Ongoing
Local Roads and Bridges	Tiny, Township of	Resurfacing Tiny Beaches Road North - Concession 18W to Sunrise Court	Upgrading 1.2 km of Tiny Beaches Road North between Concession 18W and Sunrise Court from surface treatment to 50 mm of asphalt. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment.	\$142,433	\$18,958	Complete
Local Roads and Bridges	Tiny, Township of	Resurfacing Concession 8W - County Road 6 to #159	Resurfacing 1.2 km of Concession Road 8W between County Road 6 and #159 with new surface treatment. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment.	\$133,131	\$18,888	Complete
Local Roads and Bridges	Tiny, Township of	Resurfacing Tiny Beaches Road North - Jules Leger to Desroches Trail	Upgrading 800 m of Tiny Beaches Road North between Jules Leger and Desroches Trail from surface treatment to 50 mm of Asphalt. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment. A multiuse paved shoulder was also added to support active transportation.	\$140,580	\$30,000	Complete
Local Roads and Bridges	Tiny, Township of	Resurfacing Concession 11E - County Road 6 to #327	Upgrading 2.5 km of Concession Road 11E between County Road 6 and #327 from surface treatment to 75 mm of asphalt. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment.	\$395,362	\$100,000	Complete
Local Roads and Bridges	Tiny, Township of	Resurfacing Champlain Road - #2477 to Manitou Crescent	Upgrading 1.1 km of Champlain Road between Manitou Crescent and #2477 from surface treatment to 50 mm of asphalt. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment.	\$197,816	\$60,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Tiny, Township of	Resurfacing Silver Birch Drive - #340 to #390	Upgrading 700 m of Silver Birch Drive between #340 and #390 from surface treatment to 50 mm of asphalt. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment.	\$170,605	\$60,000	Complete
Local Roads and Bridges	Tiny, Township of	Resurfacing Champlain Road from Coutnac to Joliet	Upgrading 1 km of Champlain Road between Coutnac Crescent and Joliet Crescent from surface treatment to 50 mm of asphalt. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment.	\$125,595	\$30,000	Complete
Local Roads and Bridges	Tiny, Township of	Resurfacing Concession 15W - Cedar Point to County Road 6	Resurfacing 3 km of Concession 15W between Cedar Point Road and County Road 6. The existing surface treatment was removed and replaced with new double surface treatment. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment.	\$151,169	\$43,687	Complete
Local Roads and Bridges	Tiny, Township of	Resurfacing Concession 18W - Thunder Beach Road to #329	Upgrading 1 km of Concession Road 18W between Thunder Beach Road and #329 from surface treatment to 50 mm of asphalt. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment.	\$155,481	\$50,000	Complete
Local Roads and Bridges	Tiny, Township of	Resurfacing Baseline Road - Concession 2 to Concession 4	Upgrading 2.8 km of Baseline Road between Concession 2 and Concession 4 from surface treatment to 75 mm of asphalt. This was required due to the low Pavement Condition Index scoring which it received during the last road needs assessment.	\$459,343	\$100,000	Complete
Local Roads and Bridges	Trent Hills, Municipality of	Road Resurfacing at Multiple Locations	This project involves resurfacing 49.56 km of tar and chip roads. Work includes the removal of road shoulders, ditching, drainage improvements (new culverts), granulars, and resealing the tar and chip roads. The goal is to reseal roads every seven to ten years to maintain the hardtop surface in good condition.	\$708,244	\$409,125	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Trent Lakes, Municipality of	Construction of an Accessible Walkway in Buckhorn	We built an accessible pedestrian walkway that runs from the Public School in Buckhorn right to County Road #36 which is just past the Municipality's Tourist Booth Building. This has allowed the public to walk the entire distance of Buckhorn promoting fitness and ultimately safety.	\$550,000	\$0	Complete
Local Roads and Bridges	Tudor & Cashel, Township of	Rsurfacing and Culvert Replacement on South Steenburg Lake Road	This project involved laying gravel and replacing a culvert on South Steenburg Lake Road. Increased spring traffic had negatively impacted the infrastructure, requiring additional rehabilitation and capital investment in graveling and shouldering of the road. A 36" x 70' culvert was replaced near the 702 marker. The culvert required heavy machinery to replace due to its depth from the surface of the road.	\$54,910	\$50,304	Complete
Local Roads and Bridges	Tudor & Cashel, Township of	Rehabilitation of Old Hastings Road	The 2017 Roads Needs study noted that there was shoulder erosion, as well as high shoulders, along Old Hastings Road. Exposed rock was also found in the platform of the road in some areas. □ The Township therefore rehabilitated an 8.7 km-long section of Old Hastings Road extending south from Glanmire Lake Road. Work involved ditching, rock removal, culvert replacement, and graveling.	\$46,425	\$45,636	Complete
Local Roads and Bridges	Tudor & Cashel, Township of	Resurfacing of Weslemkoon Lake Road	The project consisted of the application of single surface treatment to approximately 19,500 square meters of road. The project ensures that Weslemkoon Lake Road, which is a main artery road for the Municipality, remains safe and in a good state of repair. The treatment is expected to extend the useful life of the existing infrastructure.	\$77,292	\$69,604	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Tweed, Municipality of	Napanee Road Reconstruction	Reconstruction of Napanee Rd through the Village of Marlbank to the end of the municipal boundary at Coldwater Rd. Work consists of ditching, culvert replacement, pulverizing the existing road, laying gravel, and applying hot mix asphalt to a 60 mm depth over a 9 m wide driving lane and shoulder for 3.1 km. This stretch of road is a main route to neighbouring counties with high traffic volumes. Reconstruction is needed to maintain a good state of repair for the safety of residents and travelers.	\$651,089	\$419,000	Complete
Local Roads and Bridges	Tweed, Municipality of	Marlbank Rd Reconstruction - Asphalt	The Municipality is reconstructing the 5 km stretch of Marlbank Rd between Hwy 37 and Old Hungerford Road. Work involves reconstructing the road with hotmix asphalt to bring condition ratings from fair to good, adding a bike lane to promote active transportation, and improving storm water drainage.	\$1,127,318	\$0	Complete
Local Roads and Bridges	Tyendinaga, Township of	Harmony Road Reconstruction	Reconstruction of a 2 km section of Harmony road. Project entailed tree removal, ditching, road widening, paving and shouldering. This work ensures safe travel of roadway.	\$154,735	\$77,577	Complete
Local Roads and Bridges	Tyendinaga, Township of	Surface Treatment of Multiple Roads	This project provides surface treatment to 16.1 km of roadway throughout the Township to ensure a safe travelway.	\$395,504	\$390,063	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Uxbridge, Township of	Rehabilitation of Multiple Roads	Planks Lane - road reconstruction including storm sewer, curb and gutter, multi use path, road base, asphalt base and asphalt top course. □ Concession 4 - fine grading and double surface treatment and slurry seal. □ Bristol Sands Cres - existing asphalt road is being pulverized and used with the salvaged granular base, regrade base and pave top course. □ O'Neil Rd and Ashworth Rd - application of gravel to existing road base. □ Cemetery Rd - design road construction.	\$1,170,000	\$680,375	Complete
Local Roads and Bridges	Vaughan, City of	Rehabilitation of Curb and Sidewalk	This project involves the removal and replacement of damaged sections of sidewalks (approximately 12,079 sq m in 2021 and 9,200 m in 2022) and curbs (approximately 1,814 m in both 2021 and 2022) across the City.	\$3,000,000	\$2,660,730	Ongoing
Local Roads and Bridges	Vaughan, City of	Pathway Rehabilitation, Upgrade, and Replacement at Various Locations	Approximately 710 m of pathway across the city are being rehabilitated, upgraded, or replaced to improve accessibility and reduce safety risks. Affected areas include Killian/Lamar Park, Rainbow Creek Park, Uplands Golf, Glen Shields Park, and Downham Green Park.	\$800,400	\$120,929	Ongoing
Local Roads and Bridges	Vaughan, City of	Road Reconstruction and Watermain & Street Lighting Improvements in the Woodland Acres Area	Resurfacing roads maintains the asphalt in a good state of repair, improves the riding surface, reduces potential claims arising from uneven pavement, and improves community aesthetics. Approximately 4,464 m of road are being resurfaced or reconstructed under this project. Work additionally addresses curbs, sidewalks, culverts, guide rails, paved shoulders, the installation of sidewalk and cycling facilities, and any necessary restoration.	\$10,532,599	\$43,572	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Vaughan, City of	Rehabilitation & Reconstruction of Local Roads	Resurfacing roads maintains the asphalt in a good state of repair, improves the riding surface, reduces potential claims arising from uneven pavement, and improves community aesthetics. Approximately 13,855 m of road are being resurfaced or reconstructed under this project. Work additionally addresses curbs, sidewalks, culverts, guide rails, traffic calming measures, paved shoulders, and any necessary restoration.	\$12,380,562	\$284,102	Ongoing
Local Roads and Bridges	Vaughan, City of	Rehabilitation & Reconstruction of Local Roads	Resurfacing roads maintains the asphalt in a good state of repair, improves the riding surface, reduces potential claims arising from uneven pavement, and improves community aesthetics. Approximately 22,272 m of road are being resurfaced or reconstructed under this project. Work additionally addresses curbs, sidewalks, culverts, guide rails, traffic calming measures, paved shoulders, and any necessary restoration.	\$8,871,727	\$5,804,288	Ongoing
Local Roads and Bridges	Vaughan, City of	Sidewalk Revitalization - Kleinburg & Woodbridge Areas	Approximately 2,000 sq m of interlocking paving stone pathways are being replaced or rehabilitated to revitalize public sidewalks and adhere to AODA requirements. This is critical for seniors and persons with disabilities, especially those with low or no vision, and/or who use wheelchairs. Work is occurring in the Kleinburg and Woodbridge Business Improvement Areas, as well as other areas as required.	\$245,000	\$106,624	Ongoing
Local Roads and Bridges	Vaughan, City of	Installation of Traffic Calming Measures and System Enhancements	The City is installing traffic calming measures in at least five neighbourhoods to support road safety. The location and type of measures is established through the Neighbourhood Area Traffic Calming Policy, Design and Speed Management Plan. A condition assessment of 220 existing traffic calming devices (including but not limited to speed humps, speed cushions, raised crosswalks, and speed boards) will identify recommendations to remediate, revitalize, and/or install new items.	\$100,000	\$28,891	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Vaughan, City of	Construction of a Cycling Facility on Clark Avenue West	The City is installing a new cycling facility on Clark Ave W from Yonge St to Jason St. Work involves the construction of a new separated cycling facility and sidewalk on both sides of Clark Avenue West from Yonge Street to the park entrance at Jason Street including (but not limited to) pavement markings, signage, counters, etc. The project is critical to ensure the safety of our community and to promote cycling activities as part of the City's Pedestrian and Cycling Master Plan.	\$5,651,587	\$333	Ongoing
Local Roads and Bridges	Vaughan, City of	Rehabilitation of Roadways at Various Locations	For the refresh of roadway to ensure the safety of commuters. Work involves resurfacing/rehabilitation of road surfaces and any necessary restoration. The rehabilitation will provide a new surface which will prolong the life of the roadways. Key locations are identified through streetlight/roadway and mapping/reported under development. Since project inception, 12,600 m of roadway have been constructed and installed.	\$1,333,333	\$356,161	Ongoing
Local Roads and Bridges	Vaughan, City of	Street Light Utility Infrastructure Improvements at Various Locations	Work is required to refresh and replace underground streetlight cables and wires. The City has experienced an increased number of faults in recent years and is expecting further increases due to aging infrastructure and the upcoming switch to LED technology. Work involves consulting services to assess likely problem areas, and the refresh and replacement of infrastructure where appropriate.	\$300,000	\$10,929	Ongoing
Local Roads and Bridges	Vaughan, City of	Traffic Infrastructure Improvements at Three Locations	The City is designing and constructing new pedestrian crossovers at the intersection of Valley Visa Drive and Southdown Road and on York Hill Boulevard near the speed hump south of Gailcrest Circle. The traffic circle at Vaughan Mills Road and Humberview Drive is also being upgraded. The pedestrian crossover at Valley Visa Drive and Southdown Road is critical to ensure that residents can safely cross the intersection.	\$468,798	\$140,289	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Vaughan, City of	Enhancement of Guiderails Throughout the City	Guiderail enhancement involves improving overall guiderail infrastructure in accordance with the Ontario Provincial Standard Specification (OPSS) throughout the City of Vaughan. Existing guiderails are based on older existing specifications and drawings. There are currently new design specifications that meet OPSS. The new rehabilitation system is based on the new design requirements and will allow the City to improve infrastructure so we can do more testing of end types.	\$417,090	\$7,932	Ongoing
Local Roads and Bridges	Vaughan, City of	Replacement and Upgrade of Traffic Signals	Replacement and upgrade of 92 traffic signals across the City as part of the Traffic Signals Control Management System to improve traffic operations, traffic monitoring and control capacities on the City street network	\$801,105	\$0	Ongoing
Local Roads and Bridges	Vaughan, City of	Road Rehabilitation & Reconstruction	This project involves road rehabilitation in the Crofters Area, Kirby Rd (from Pinevalley Dr to Keele St), Clarke Ave (from Yonge St to Jason St, and including design of pedestrian and cycling facilities), Crediston Rd, Costa Rd, Doughton Rd, Freshway Dr, Killaloe Rd and Peelar Rd. Approximately 10.8 km of road are being rehabilitated.	\$14,135,400	\$1,012,967	Ongoing
Local Roads and Bridges	Vaughan, City of	West Don Valley-Pedestrian Bridge Replacement	Scope of work includes replacement of existing pedestrian bridge and associated landscape works.	\$153,099	\$0	Complete
Local Roads and Bridges	Vaughan, City of	Staircase Rehabilitation/ Replacement between Islington Ave & Dorengate Dr	Condition assessment and construction for replacement of existing outdoor concrete staircase 10m high, 45m long.	\$525,000	\$0	Ongoing
Local Roads and Bridges	Vaughan, City of	Construction of a Multi-Use Pathway on McNaughton Road	Design and construction of a new multi-use pathway on the north boulevard of McNaughton Road from Keele Street to Major Mackenzie Drive.	\$253,000	\$0	Ongoing
Local Roads and Bridges	Vaughan, City of	Rehabilitation and Reconstruction of Multiple Roads	Works include resurfacing, rehabilitation, or reconstruction of 2.5 km of road surface, curb, sidewalk, culverts, guide rails, and paved shoulders, along with any necessary restoration.	\$9,183,000	\$108,713	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Vaughan, City of	Traffic Signal Improvements	Upgrade of 13 traffic signals to meet accessibility requirements. The upgrade provides enhanced safety with Accessible Pedestrian Signals and pedestrian countdown equipment.	\$462,000	\$0	Ongoing
Local Roads and Bridges	Vaughan, City of	Design and Construction of Sidewalks on Rivermede Rd and Basaltic Rd	Design and construction of sidewalks on the south side of Rivermede Road (from Keele Street to Rayette Road) and Basaltic Road (from 220 Basaltic Road to Planchet Road). Sidewalk installation supports the completion of a pedestrian link as per the approved 2012 Pedestrian and Bicycle Network Master Plan and Green Directions Vaughan Objective 3.1 (to develop and sustain a network of sidewalks, paths and trails that supports all modes of non-vehicular transportation).	\$256,300	\$0	Complete
Local Roads and Bridges	Vaughan, City of	Replacement of Pedestrian Bridges in Keffer Marsh and King High Park	Replacement of the existing pedestrian bridges in Keffer Marsh and King High Park and associated landscape works.	\$513,954	\$184,064	Ongoing
Local Roads and Bridges	Vaughan, City of	Road Rehabilitation at Various Locations	Works include resurfacing/ rehabilitation/ reconstruction of road surface, curb, sidewalk, culverts, guide rails, paved shoulders and any necessary restoration.	\$8,006,600	\$118	Complete
Local Roads and Bridges	Vaughan, City of	Improvements to the Pedestrian & Bicycle Network	Supply and install bicycle route signage/lanes and pathways at various locations.	\$223,410	\$0	Ongoing
Local Roads and Bridges	Vaughan, City of	Replacement of the King Vaughan Road Bridge	The project includes an environmental assessment which has recommended a replacement strategy, installation of a temporary bridge over the Humber River on King Road in the interim, and the design and construction of a permanent replacement.	\$831,500	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Vaughan, City of	Glen Shields Avenue Bridge Rehabilitation	Rehabilitation of Glen Shields Avenue Bridge. Work includes, but is not limited to; removal and replacement of the existing parapet walls/deck/sidewalk, construction of semi-integral deck extensions, replacement of existing bearings, removal and reconstruction of bridge deck waterproofing, reconstruction of new bearing seats and ballast walls, and repairing deteriorated concrete at abutments.	\$2,259,900	\$200,069	Complete
Local Roads and Bridges	Vaughan, City of	Rehabilitation of the Humber Ridge Trail Bridge	Determine and implement appropriate rehabilitation strategy for the Humber Bridge Trail Bowstring Arch Bridge.	\$2,272,500	\$4,882	Complete
Local Roads and Bridges	Vaughan, City of	2015 Road Rehabilitation	Road rehabilitation includes site preparation, pavement resurfacing/rehabilitation and all other associated works. The existing iron watermain requires excessive maintenance and repairs. Work is occurring on Andrew Park, Button Road, Marilyn Place, North Humber Drive, Sonoma Heights, Cachet Hill Cr, and Royal Pine Ave.	\$14,016,000	\$552,329	Ongoing
Local Roads and Bridges	Vaughan, City of	Design & Construction of Clark Ave Bike Lanes	Convert existing salt protection pads to cycle tracks (i.e., raised bike lanes). Project involves design, stakeholder consultation and construction of cycle tracks. Construction includes (but is not limited to) intersection and driveway modifications, new asphalt pathways (where required), lamp post relocation (if necessary), and new pavement markings and signage.	\$327,000	\$990	Complete
Local Roads and Bridges	Vaughan, City of	Extension of the Humber River-William Granger Greenway Trail System	Strategic continuation of trail system per the City's Master Plan. Location: Humber River-William Granger Greenway between Pine Grove Road and Langstaff.	\$616,200	\$2,414	Ongoing
Local Roads and Bridges	Vaughan, City of	Curb and Sidewalk Repair and Replacement	The curb and sidewalk repair & replacement program involves the removal and replacement of damaged sections of curbs and sidewalks, Citywide.	\$16,255,623	\$0	Complete
Local Roads and Bridges	Wainfleet, Township of	Base & Asphalt Resurfacing - Maplewood & Woodland	This project is a complete base repair and asphalt resurfacing for Woodland and Maplewood drive. The project length is 0.389 km for each of the noted roads.	\$186,034	\$186,034	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Wainfleet, Township of	Rehabilitation of Gore "A" Road	The Township is doing an extensive rehabilitation on 0.873 km of Gore A Road. Work involves excavation of the existing road and application of a completely new base to enhance public safety.	\$52,290	\$0	Complete
Local Roads and Bridges	Wasaga Beach, Town of	Ramblewood Drive Urbanization	Ramblewood Drive is being urbanized between 45th Street and 58th Street. Urbanization includes installation of new sidewalk, storm sewer, concrete curb and gutter, and bicycle lanes. The project also includes the installation of new sanitary sewer and water main services for new development.	\$4,758,554	\$1,949,910	Ongoing
Local Roads and Bridges	Wasaga Beach, Town of	Main Street Bridge Rehabilitation	The scope of rehabilitation work includes (but is not limited to) patching, waterproofing, paving the concrete deck, removing existing expansion joints and conversion to semi-integral abutments, re-facing and widening the sidewalks, replacing the barriers (parapet walls/railings), re-facing the concrete abutments, replacing the existing bearings, sandblasting and painting the structural steel, adding new street and navigation lighting, and relocating the existing watermain from north to south.	\$7,191,073	\$0	Complete
Local Roads and Bridges	Waterloo, City of	Reconstruction of Mackay Crescent	The section of Mackay Crescent between Weber Street North and Alvin Street (north intersection) has exceeded its expected life and is significantly degraded. Reconstruction of this two-lane, 460 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs and sidewalks.	\$2,975,000	\$846,000	Ongoing
Local Roads and Bridges	Waterloo, City of	Reconstruction of Longfellow Drive (Shakespeare Drive to Westmount Road)	The section of Longfellow Drive between Shakespeare Drive and Westmount Road has exceeded its expected life and is significantly degraded. Reconstruction of this two-lane, 440 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs, and a new sidewalk on the west side.	\$2,737,000	\$814,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Waterloo, City of	Reconstruction of Alexandra Ave	The section of Alexandra Avenue between Westmount Road and Lourdes Street has exceeded its expected life and is significantly degraded. Reconstruction of this two-lane, 670 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs, sidewalks and buried hydro/communications ducts.	\$3,292,000	\$1,113,000	Ongoing
Local Roads and Bridges	Waterloo, City of	Reconstruction of Larch St. between Balsam St. and Hickory St.	The section of Larch St. between Balsam St. and Hickory St. has exceeded its expected life and is significantly degraded. Reconstruction of this two-lane, 165 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs, sidewalks and buried hydro. A recent study (Northdale Study) has identified this street as a higher priority, and to be designed as a woonerf (living street) type street.	\$2,323,000	\$435,132	Complete
Local Roads and Bridges	Waterloo, City of	Reconstruction of Royal St. between Weber St. and Margaret Ave.	The section of Royal St. between Weber St. and Margaret Ave. has exceeded its expected life and is significantly degraded. Reconstruction of this two-lane, 655 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs, sidewalks and buried hydro.	\$4,585,000	\$138,000	Complete
Local Roads and Bridges	Waterloo, City of	Reconstruction of Roosevelt Ave. between Warrington Dr. and Erb St.	The section of Roosevelt Ave. between Warrington Dr. and Erb St. has exceeded its expected life and is significantly degraded. Reconstruction of this 750 m local collector road, involves the replacement of water, storm sewers and sanitary sewers, services, road reconstruction and installation of curbs and a new sidewalk.	\$4,090,000	\$154,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Westmount (South of Victoria to Glasgow) & Victoria (Lawrence to Fischer-Hallman)	Reconstruction of Westmount (from south of Victoria to Glasgow) and Victoria (from Lawrence to Fischer-Hallman; approximately 2.49 km in total) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes City watermain/sanitary replacement (from Paulander to Lawrence), sidewalk, and cycling and multi use trail installation.	\$10,960,000	\$19,563	Ongoing
Local Roads and Bridges	Waterloo, Region of	Rehabilitation of King St E from Sportsworld Dr to Freeport Bridge	The rehabilitation of Kings St E from Sportsworld Dr to Freeport Bridge (approximately 2.14 km) involves milling the existing pavement layers, completing spot repairs, and placing double lifts of new superpave. The work also includes rehabilitation or replacement of City of Kitchener watermain and sanitary sewers, as well as installation of a multi-use trail.	\$13,815,000	\$46,706	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Notre Dame Dr from 0.38 km South of Erb's Rd to St Ann Ave North	The reconstruction of Notre Dame Dr. from approximately 0.38 km South of Erb's Rd. to St. Anne Ave. North (approximately 1.06 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. It includes storm sewer replacement and sidewalk and cycling installation as well as Township of Wilmot watermain extension.	\$3,544,000	\$2,287,662	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Ottawa St from Alpine Rd to Fischer-Hallman Rd	The reconstruction of Ottawa St. from Alpine Rd. to Fischer-Hallman Rd. (approximately 2.52 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. It includes City of Kitchener/Region of Waterloo watermain replacement and the installation of a multi-use trail.	\$9,421,546	\$2,566,707	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Kressler Rd from Lobsinger Line to Arthur Dr	The reconstruction of Kressler Rd. from lobsinger Line to Arthur Dr. (approximately 0.48 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. It includes Township of Woolwich/Region watermain replacement and the installation of sidewalk.	\$1,108,500	\$603,531	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of King St from Highway 401 to Sportsworld Dr.	The reconstruction of King St E from Highway 401 to Sportsworld Dr. (approximately 1.44 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes the installation of sidewalk and cycling facilities.	\$8,277,000	\$0	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of King St from Central St. to University Ave.	The reconstruction of King St from Central St. to University Ave.(approximately 0.73 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes City of Waterloo watermain and sanitary sewer replacement, Region watermain replacement, and installation of a cycling facility.	\$7,272,038	\$4,673,000	Ongoing
Local Roads and Bridges	Waterloo, Region of	Rehabilitation of Arthur St N. from Sandy Hills to Waterloo/Wellington Boundary	The rehabilitation of Arthur St. N from Sandy Hills Dr. to the Waterloo/Wellington Boundary (approximately 5.02 km) involves removal of the surface asphalt layer, recycling and stabilizing the remaining asphalt with a portion of granular base resulting in 100% reclaimed asphalt pavement that will be overlaid with a new hot mix surface asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes installation of a cycling facility.	\$3,115,000	\$1,724,436	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Snyder's Rd. E. from Christian St. to Gingerich Rd	The reconstruction of Snyder's Rd. E. from Christian St. to Gingerich Rd (approximately 2.73 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes the installation of sidewalk and cycling facilities.	\$10,244,000	\$1,200,217	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Weber St. - Forwell Creek Rd. to 80 m North of Blythwood Dr.	The reconstruction of Weber St. from Forwell Creek Rd. to 80 m north of Blythwood Dr. (approximately 0.74 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes City watermain, storm and sanitary sewer replacements, sidewalk and cycling installation, as well as traffic equipment modernization.	\$4,940,000	\$713,272	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Weber St. - Blythwood Rd. to Northfield Dr.	The reconstruction of Weber St. from Blythwood Rd. to Northfield Dr. (approximately 1.74 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes storm sewer replacement and City watermain replacement, sidewalk, cycling and multi use trail installation, as well as traffic equipment modernization.	\$10,980,000	\$915,000	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Sawmill Rd./Hawksville Rd. - King St. to Waterloo/St Jacobs Tracks	The reconstruction of Sawmill Rd./Hawksville Rd. from King St. to Waterloo/St Jacobs tracks (approximately 0.75 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes Region storm sewer installation, sidewalk installation, and township sanitary sewer repair and watermain replacement.	\$2,600,000	\$202,742	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Sawmill Rd. - River St. to Snyders Flats Rd.	The reconstruction of Sawmill Rd. from River St. to Snyders Flats Rd. (approximately 0.67 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes Region storm sewer installation, sidewalk and cycling installation, and traffic equipment modernization.	\$3,095,000	\$16,057	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Ottawa St. (Nottingham Ave. to King St.) & Weber St. (Sheldon Ave. to Borden Ave)	Reconstruction involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes storm and City sanitary sewer and watermain replacements, cycling facility installation and traffic equipment modernization. Approximately 2.00 km of Ottawa St and Weber St. are being reconstructed.	\$13,496,913	\$2,815,753	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Erb St. - Fischer Hallman Rd. to Gateview Dr.	The reconstruction of Erb St. from Fischer Hallman Rd. to Gateview Dr. (approximately 0.44 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes Region watermain replacements and City valves and hydrant replacement, sidewalk and cycling installation, bus pads and shelters, traffic equipment modernization.	\$3,125,860	\$1,346,950	Complete
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Dundas St. - Franklin Blvd. to Hespeler Rd.	The reconstruction of Dundas St. from Franklin Blvd. to Hespeler Rd. (approximately 3.27 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes replacement of Region/City watermain, new watermain, sanitary and storm sewer installation, sidewalk and cycling installation, left turn lanes, and traffic equipment modernization.	\$18,625,000	\$3,085,863	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Waterloo, Region of	Urban Resurfacing of Erb St. - Erbsville Ct. to Ira Needles Blvd.	The resurfacing of Erb St. from Erbsville Ct. to Ira Needles Blvd. (approximately 0.45 km) involves milling the existing pavement layers, completing spot repairs and placing double lifts of new superpave Hot Mix asphalt. This treatment will improve the surface asphalt and driving conditions on this road section and will provide a safe and serviceable road that maximizes infrastructure sustainability.	\$464,500	\$291,683	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Swan St and Northumberland St/Stanley St	Rehabilitation of Swan St (from Hilltop Dr to Stanley St) and Northumberland St and Stanley St (from St. Andrews St to the CP Railway). Work involves replacement of existing asphalt and granular base with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability, storm and sanitary sewer replacement, watermain rehabilitation and replacement, sidewalk installation and improvement, bus shelter, left turn lanes and traffic signals.	\$5,700,000	\$170,639	Ongoing
Local Roads and Bridges	Waterloo, Region of	Rehabilitation of Ottawa St S (from Fischer-Hallman Rd to 100 m West of Trussler Rd)	Road rehabilitation of Ottawa Street from Fischer Hallman Road to 100 m west of Trussler Road. Work involves removal of existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability.	\$6,230,000	\$1,995,980	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of King St from Bishop St to Dover St.	Existing asphalt and granular base is being replaced with new granular and hot mix asphalt. This provides a safe and serviceable road that maximizes infrastructure sustainability. This involves: storm and sanitary sewer replacement; watermain rehabilitation and replacements; sidewalk installations and improvements; bus shelter; right and left turn lanes; and traffic equipment installations, replacements and modernization. Approximately 1.52 km of roadway are being reconstructed.	\$12,257,000	\$857,628	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Highland Rd from Fischer Hallman Rd to Highland Hills Mall Entrance	Removal of existing asphalt and granular base to be replaced with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Includes storm and sanitary sewer replacements, watermain repairs and replacements, sidewalk installation and improvements, bus shelter, right and left turn lanes, and traffic equipment installations, replacements and modernization. Approximately 0.18 km of roadway are being reconstructed.	\$525,000	\$0	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Ottawa St from Pattandon Ave to Imperial Dr	Removal of existing asphalt and granular base to be replaced with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Includes storm and sanitary sewer replacements, watermain repairs and replacements, sidewalk installation and improvements, bus shelter, right and left turn lanes, and traffic equipment installations, replacements and modernization. Approximately 0.59 km of roadway are being reconstructed.	\$3,560,000	\$95,528	Ongoing
Local Roads and Bridges	Welland, City of	Reconstruction of Nine Roads	This road reconstruction project involves the placement of hot mix asphalt on 3.45 linear kilometers of local roads where underground infrastructure replacements and rehabilitation work for sewers and watermains had recently occurred. Work is occurring on Fitch St, Merritt St, Fell St, Shotwell St, Somerville Avenue, Highland Gardens, Church St, Aqueduct St, and Pine St.	\$2,139,396	\$828,480	Complete
Local Roads and Bridges	Welland, City of	Sidewalk Missing Links Construction	Sidewalks are important municipal assets that promote active transportation, pedestrian safety and connectivity. New sidewalk installations are prioritized within road allowances where links are missing at bus stops, schools, community facilities and institutions. Using the tools available within the City's GIS system, an assessment of the City's sidewalk network was completed to identify missing link sections. Approximately 1.0 km of missing link sidewalk was installed in this project.	\$250,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Welland, City of	Citywide Sidewalk Replacement	City staff completed a citywide inspection of sidewalks and trails in 2019. Defects were prioritized and scheduled for rehabilitation. Approximately 1.2 km of sidewalk and 22 sidewalk ramps were removed and replaced as part of with project.	\$570,000	\$0	Complete
Local Roads and Bridges	Welland, City of	Reconstruction of Regional Road 27 (Riverside Drive)	Regional Road 27 (Riverside Drive) is being reconstructed by Niagara Region. Sidewalks on Regional Roads in the City of Welland are owned and maintained by the City of Welland. As part of this project, approximately 1.0 km of sidewalk is being removed and replaced to meet current standards.	\$135,000	\$0	Complete
Local Roads and Bridges	Welland, City of	Road Reconstruction and Watermain Replacement on and Around McCrae Dr	4.0 lane-km of full depth asphalt replacement including concrete sidewalk and curb rehabilitation along McCrae Drive, Leaside Dr, and Riceholm Place. Work additionally involves approximately 600 m of existing watermain replacement on Rice Road and McCrae Drive. Watermain under Rice Road and McCrae Drive was 70 years old and at risk of failure.	\$4,709,060	\$0	Complete
Local Roads and Bridges	Wellesley, Township of	Resurfacing Isabella St	Grinding and resurfacing Isabella St from Adelaide St to Friedman St. Rehabilitation efforts help reduce the annual maintenance costs, improve fuel economy, reduce fuel emissions and provide a safer environment for pedestrians, cyclists and motorists.”	\$37,000	\$36,349	Complete
Local Roads and Bridges	Wellesley, Township of	Pulverize and Re-Pave Ament Line from Lichty Road to Chalmers-Forrest Road	Pulverize and re-pave Ament Line from Lichty Road to Chalmers-Forrest Road. Ament Line was identified in the Township's Asset Management Plan as priority roadway in need of rehabilitation. This work will ensure continued safety and mobility for motorists and cyclists and will extend the useful life of the asset.	\$145,000	\$55,808	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Wellington North, Township of	Bridge & Culvert Rehabilitation	Project will see the rehabilitation and replacement of a number of Township owned bridge and culvert structures (namely Structures 2030, 22, and culverts on Concession 9, and Sideroad 9 E). Objective of the project is to replace structures at or beyond useful lives, and prolong longevity of existing assets to ensure appropriate levels of safety and reliability for Township Infrastructure.	\$625,100	\$0	Complete
Local Roads and Bridges	Wellington, County of	Culvert Replacement on Wellington Road 16	The project saw the complete replacement of a culvert located on Wellington Road 16 in the Township of Wellington North. The structure was originally constructed in 1970 and was in poor condition. The replacement with a precast box culvert improved the condition status to "good", and provided an additional 50 years of useful life.	\$348,081	\$292,615	Complete
Local Roads and Bridges	Wellington, County of	Asphalt Rehabilitation of Wellington Road 30	The asphalt rehabilitation on Wellington Road 30 will span 1.7 km from Wellington Road 39 to Wellington Road 86. The work includes the cold in-place recycling of the existing asphalt combined with the application of 20 mm of new asphalt pavement surface. The works will bring the condition up to good with an expected useful life of 20 years.	\$565,774	\$465,000	Complete
Local Roads and Bridges	Wellington, County of	Pavement Preservation on Local Roads	This project applies asset management techniques to sections of the County road network to prolong asset life. Multiple techniques are being used including mill and pave, micro-surfacing, crack sealing and pavement overlay. Work is taking place at several locations throughout the county network.	\$2,949,401	\$2,942,916	Complete
Local Roads and Bridges	Wellington, County of	Maitland River Bridge Rehabilitation	The rehabilitation of the Maitland bridge will include: the replacement of concrete curb and barriers. Miscellaneous concrete repairs to the abutment, wingwalls and soffit. Bridge deck waterproofing and paving. The main objective of this investment is to address significant deterioration found in the concrete curb and barriers to ensure the safety of the structure. The main objective of this investment is to restore the condition of the bridge from fair to good.	\$485,811	\$379,842	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Wellington, County of	Mallet River Bridge Rehabilitation	This project will be a rehabilitation of the existing structure and will include the replacement of curbs and railings, replace parapet walls and waterproofing on the deck. The main objective of this investment is to restore the condition of the bridge from fair to good.	\$647,929	\$419,213	Complete
Local Roads and Bridges	Wellington, County of	Rehabilitation of Multiple Bridges and Culverts	Rehabilitation of Bridge 010023 on Wellington Road 10 in Moorefield; rehabilitation of Wyandot Bridge 010024 spanning the Conestogo Lake; rehabilitation of existing bridge 16038 located on Wellington Road 16 near Belwood; Rehabilitation of Wellington Rd 5 Culvert; Wellington Rd 12 Culverts 12127 & 12087.	\$5,300,000	\$64,613	Ongoing
Local Roads and Bridges	West Elgin, Municipality of	Road Reconstruction in the Village of Rodney	The project involves total rehabilitation of two main arterial roads. Segments of Furnival Road and Queens Line are being completely removed and a new storm sewer system, granular base, concrete curb and paved surface are being constructed. The project also includes upgraded environmental/safety features such as LED lighting, accessible sidewalks and electric vehicle charging stations. The main objective is to provide safe, reliable transportation through the village of Rodney for years to come.	\$4,741,050	\$0	Ongoing
Local Roads and Bridges	West Grey, Municipality of	McQuarrie Bridge Rehabilitation - Concession 2/3N Lot 43	The project consists of a full structural rehabilitation of the McQuarrie Bridge Structure 46. The main objective of this investment is to ensure continued access to residential properties. There are several homes located between two bridges and in the event of failure of both of these structures then residents would not be able to access their homes.	\$600,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	West Lincoln, Township of	South Grimsby Rd. 10 and Elcho Road Rehabilitation	South Grimsby Rd. 10 and Elcho Road were identified in our Asset Management Plan and internally as requiring constant maintenance due to road edges breaking apart. The work performed using RAP edging and applying a fresh single surface treatment extended the life of each road by up to 10 years. Work involved rehabilitating 0.63 km of South Grimsby Road 10 (from Range Rd 1 to Highway 20) and 1.14 km of Elcho Road (from Gee Rd to Heaslip Road).	\$179,007	\$82,699	Complete
Local Roads and Bridges	West Lincoln, Township of	Beavercreek Crescent and Fieldstone Drive Mill and Pave	Both Beavercreek Crescent And Fieldstone Drive were identified in our Asset Management Plan as ideal candidates to resurface due to asphalt cracking and extend its service life. This resurfacing will add 10-15 years of service life to these roads along with ensuring the roads remain safe for traffic and pedestrians.	\$74,059	\$66,653	Complete
Local Roads and Bridges	West Lincoln, Township of	Reconstruction of Brock Street	Brock St. was identified in our Asset Management Plan as being past end of life due to severe asphalt degeneration and poor drainage. Road work includes some base repairs, rehabilitation or replacement of curb and sidewalk, and new asphalt. The total length of the project is 0.37 km. With the full reconstruction completed, Brock St. should be problem-free up to 30 years.	\$404,664	\$91,045	Complete
Local Roads and Bridges	West Lincoln, Township of	Wade Road Reconstruction	Reconstruction of Wade Road from Highway 20 to the south limit. This is an urban road and work will be done in conjunction with replacement of water mains (not part of this funding). Work includes improvement to the road base as required and the construction of a new hot mix asphalt surface.	\$300,000	\$0	Ongoing
Local Roads and Bridges	West Lincoln, Township of	RR20 West St Sidewalk Replacement	The existing sidewalk on RR20 West St between house #325 and Wade Rd on the North side and between house #280 and Griffin St on the South side has deteriorated and settled in many places, creating trip hazards. The project involves removing, regrading and replacing the existing sidewalk.	\$206,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	West Nipissing, Municipality of	Sidewalk Installations Near Local Schools	Installation of 405 m of new sidewalks and 360 m of pedestrian lanes in catchment areas for local schools. These three schools (White Woods, Jeunesse Active, and Le Resurrection) collectively serve a population of 780 students.	\$315,054	\$201,585	Complete
Local Roads and Bridges	West Nipissing, Municipality of	Rehabilitation of Local Roads	This project involves brushing, ditching, and resurfacing approximately 64 lane-km of local roads. Work will improve drainage, extend the life cycle of the roadway, reduce maintenance costs, and rehabilitate roads to an acceptable service level.	\$1,016,932	\$650,836	Complete
Local Roads and Bridges	West Nipissing, Municipality of	Nature's Trail Bridge Replacement	The bridge on Nature's Trail serves seasonal residents and a commercial lodge. The current bridge is permanently load posted. This project replaces the deck and abutments of the bridge.	\$1,200,000	\$0	Ongoing
Local Roads and Bridges	West Nipissing, Municipality of	Sidewalk Rehabilitation on Nipissing St and Principale St	Rehabilitation of sidewalks on Nipissing Street from Salter to north of Levis Street and re-instatement of sidewalk on Principale Street from Highway 64 to Ste-Marguerite D'Youville, including drainage improvements. Nipissing Street and Principale Street are local roads with substantial traffic. Both roads feed into elementary schools. The addition/re-instatement of sidewalk enhances safety measures for the community and provides better pedestrian safety on these busy roads.	\$333,077	\$118,508	Complete
Local Roads and Bridges	West Nipissing, Municipality of	Rehabilitation of Local Roads	Preparation of granular roads for resurfacing, including brushing, ditching and culvert resets in Crystal Falls, Verner, Lavigne, and Sturgeon Falls. Brushing, ditching, and culvert resets are critical for the long term maintenance of rural roads. These activities restore proper drainage, prepare roads for resurfacing, and extend the lifespan of the roads. Granular resurfacing in Crystal Falls and Lavigne is called for in our asset management plan and needed to deliver desired levels of service.	\$975,504	\$115,849	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	West Perth, Municipality of	Rehabilitation of a Bridge on St. Andrew St	This project involved the rehabilitation of a 25.5 m span pre-stressed concrete girder bridge on St. Andrew Street in Mitchell. Work involved rehabilitation of the concrete deck, a concrete deck overlay, waterproofing, and paving.	\$364,308	\$281,155	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Norfolk Place	Resurfacing 0.5 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$371,800	\$209,450	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Wood Drive	Resurfacing 0.24 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$196,600	\$106,025	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Upland Drive	Resurfacing 0.25 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$190,000	\$128,045	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing Pickersgill Court	Resurfacing 0.07 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$72,900	\$46,314	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Intrepid Drive	Resurfacing 0.65 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$449,190	\$272,137	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Glenayr Gate	Resurfacing 0.12 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$240,660	\$72,205	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Fairmeadow Place	Resurfacing 0.7 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$520,700	\$320,886	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing Euclid Street	Resurfacing 0.5 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$365,200	\$0	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Cynthia Court	Resurfacing 0.14 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$108,990	\$56,620	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Chatsworth Crescent	Resurfacing 0.4 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$261,720	\$127,838	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Brookdale Crescent	Resurfacing 0.29 km of road that has significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk reconstruction. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$210,690	\$147,014	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Whitby, Town of	Reconstruction of Heber Down Crescent	Approximately 0.13 km of Heber Down Crescent will be reconstructed to provide safe, serviceable road pavements that maximize sustainability in future use. The road is being reconstructed to an urban cross section, which involves curb and gutter, sidewalks and new storm sewers.	\$247,500	\$0	Ongoing
Local Roads and Bridges	Whitby, Town of	Installing Top Lift of Asphalt on Ontario Street	Installing the top lift of asphalt on 0.1 km of this road finalizes the reconstruction works that were required to remove and replace 90 mm of asphalt (50 mm binder course and 40 mm surface course). Work also involves installing curbs and gutters, storm sewers and sidewalks. Reconstructing this road will provide safe, serviceable road pavements that maintain sustainability in future use. The pavement was severely deteriorated and the road needed new watermains and sanitary sewers.	\$56,047	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Installing Top Lift of Asphalt on King Street	Installing the top lift of asphalt on 1.04 km of this road finalizes the reconstruction works that were required to remove and replace 90 mm of asphalt (50 mm binder course and 40 mm surface course). Work also involves installing curbs and gutters, storm sewers and sidewalks. Reconstructing this road will provide safe, serviceable road pavements that maintain sustainability in future use. The pavement was severely deteriorated and the road needed new watermains and sanitary sewers.	\$238,166	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Installing Top Lift of Asphalt on James Street	Installing the top lift of asphalt on 0.1 km of this road finalizes the reconstruction works that were required to remove and replace 90 mm of asphalt (50 mm binder course and 40 mm surface course). Work also involves installing curbs and gutters, storm sewers and sidewalks. Reconstructing this road will provide safe, serviceable road pavements that maintain sustainability in future use. The pavement was severely deteriorated and the road needed new watermains and sanitary sewers.	\$50,000	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Rehabilitation of Dehart Bridge	This work involves the design and rehabilitation of the Dehart Bridge, including strengthening beams to ensure the structure remains in good repair.	\$250,000	\$79,118	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing Renfield Crescent	Resurfacing 0.53 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$407,000	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Regal Briar Street	Resurfacing 0.34 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$223,578	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Prince of Wales Drive	Resurfacing 1.22 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$817,890	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Pine Hills Road	Resurfacing 0.22 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$164,946	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing Nearctic Court	Resurfacing 0.11 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$114,511	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Jacob Drive	Resurfacing 0.28 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$239,000	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Glen Dhu Drive	Resurfacing 0.66 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$592,193	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Forest Road	Resurfacing 0.22 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$122,953	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing Flint Crescent	Resurfacing 0.49 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$357,827	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Catherine Drive	Resurfacing 0.43 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$202,825	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Jeffrey Street	Resurfacing 0.31 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with reditching to improve drainage. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$146,144	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing Heron Road	Resurfacing 0.77 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with reditching to improve drainage. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$315,103	\$2,755	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing of Maplewood Dr	Resurfacing 0.363 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$232,100	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing of Jason Dr	Resurfacing 0.503 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$313,500	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing of Inglenook Ct	Resurfacing 0.281 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$205,500	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing of Glen Hill Dr	Resurfacing 0.678 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$431,400	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing Bentonwood Crescent	Resurfacing 0.68 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$434,700	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Reconstruction of Centre St S and Gilbert St W	Reconstruction of 1.4 km of roads that show a significant deterioration of pavement condition and require the removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), installation of new sidewalks, and new underground servicing. This project provides safe, serviceable road pavements that maximize sustainability in future use.	\$3,520,000	\$33,995	Complete
Local Roads and Bridges	Whitchurch-Stouffville, Town of	Rehabilitation of Local Roads	Rehabilitation of various roads throughout the Town of Whitchurch-Stouffville.	\$1,500,000	\$244,032	Ongoing
Local Roads and Bridges	Whitchurch-Stouffville, Town of	Installation of Streetlights, Traffic Signals and Sidewalks on Aurora Rd	Installation of streetlights, traffic signals and sidewalks on Aurora Road in Ballantrae from Grayfield Drive (western limit) to McFarland Street (eastern limit). The streetlights will illuminate the new sidewalk and provide additional safety for local residents.	\$790,700	\$0	Ongoing
Local Roads and Bridges	Whitestone, Municipality of	Rehabilitation of Maple Island Rd - Hwy 520 to Shady Maple Trail	This section of Maple Island Rd was in critical condition. Work involved ditching, culvert improvements, pulverizing the road, and application of a double surface treatment. This section is now in excellent condition.	\$10,829	\$10,688	Complete
Local Roads and Bridges	Whitestone, Municipality of	Surface Treatment of Farley's Rd - From the Bridge for 600 m Eastward	This section of Farley's Rd required 600 m of new double surface treatment along the hill to stabilize the grade of the road and prevent washboards and washouts. This also resulted in a smoother road surface to allow for better traffic flow and improved fuel efficiency.	\$32,481	\$32,481	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Whitestone, Municipality of	Surface Treatment of Canning Rd - Balsam to Karbehuwe	This section of Canning Rd required 1.59 km of slurry seal double surface treatment in accordance with the Municipality's asset management plan. Work will additionally reduce friction on wheels and increase the fuel efficiency of vehicles travelling the road.	\$38,506	\$38,506	Complete
Local Roads and Bridges	Whitestone, Municipality of	Surface Treatment of Balsam Rd - Hwy 124 to Canning Rd	This section of Balsam Rd required 1.17 km of slurry seal double surface treatment in accordance with the Municipality's asset management plan. Work will additionally reduce friction on wheels and increase the fuel efficiency of vehicles travelling the road.	\$32,412	\$32,412	Complete
Local Roads and Bridges	Whitewater Region, Township of	Rehabilitation of Westross Road	Westross Road was given a double surface treatment from Hydro Bay Road to Zion Line (2.7 km). This project has increased the condition of Westross road from a 2/5 to 5/5.	\$158,872	\$158,872	Complete
Local Roads and Bridges	Whitewater Region, Township of	Grace Street Rehabilitation	This 0.3 km rehabilitation project resulted in new sidewalks from Our Lady of Grace Catholic School, drainage improvements, and a pedestrian crossover on Westmeath Road. □ □ This project not only improved the condition of Grace Street, but also increased the service level by providing students and staff at Our Lady of Grace Catholic School with safe passage walking along and crossing Grace Street.	\$325,775	\$309,290	Complete
Local Roads and Bridges	Wilmot, Township of	Wilmot Street Reconstruction - Church St to Huron St (Phase II)	Wilmot Street is being reconstructed to an urban cross-section complete with a new granular road base, asphalt surface, concrete curb and gutter, watermain, storm sewer improvements, sanitary sewer replacement, and sidewalk replacement. On-street parking and a rough-in for an EV charging station are also being installed. □ □ This investment will improve the road network and underground services within the downtown core of New Hamburg, supporting the business community and our local economy.	\$1,780,000	\$651,588	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Wilmot, Township of	Guiderail Installations and Upgrades	In the 2017 & 2019 regulatory bridge safety inspections (OSIM), approximately \$550,000 of guiderail construction or replacement work was identified to ensure bridge and traffic operations safety. This project involves the design and construction of guiderails according to the recommendations. Approximately 630 m of guiderail is being installed on various road segments under this project.	\$430,947	\$0	Complete
Local Roads and Bridges	Wilmot, Township of	Stormwater and Sidewalk Upgrades on Notre Dame Drive	The Region of Waterloo is planning to reconstruct Notre Dame Drive in St. Agatha. Infrastructure is being improved along Notre Dame Drive from St. Ann Avenue to 440 m South of Erbs Road (for a total length of approximately 1,300 m). Work also involves sidewalk replacement and storm sewer improvements.	\$289,000	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Implementation of Traffic Calming Initiatives	The City is implementing traffic calming initiatives by installing vehicle-activated traffic calming signs (VATCS; including radar speed feedback and warning signs), on-road sign pavement markings, traffic calming curbs and flexible posts. □ Traffic calming can improve road safety by reducing the speed differential between vehicles and pedestrians/cyclists, reduce vehicle emissions and sounds, and promote the greening of spaces recovered from motorized traffic.	\$200,000	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Traffic Signals - Capital Upgrades and Replacements	The City is upgrading and replacing traffic signals in two locations to improve the flow of traffic. Work involves rebuilding above-ground and underground infrastructure (including conduit, pole bases, wiring, poles, signal heads, pedestrian heads and pushbuttons, fibre, and controller) at Wyandotte Street East and Strabane Avenue, and replacing damaged underground conduit to re-connect communication fibre on Huron Church Road between Wyandotte Street W. and Riverside Drive W.	\$1,271,208	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Windsor, City of	Reconstruction of Dominion Blvd. from Northwood to Totten	Road and infrastructure improvements on Dominion Street between Northwood and Totten streets.	\$11,450,000	\$1,000,000	Ongoing
Local Roads and Bridges	Windsor, City of	Rehabilitation of the Bridge Crossing the Railway on Wyandotte St	Work involves removal of the existing bridge deck waterproofing, pavement, approach slabs, ballast walls and expansion joint system, partial depth concrete removals and repairs to abutments, wingwalls, deck, soffit and fascia, bridge jacking and removal and replacement of existing bearing pads, and construction of new approach slabs, ballast walls, expansion joint system and bridge deck waterproofing and paving.	\$15,034,770	\$303,500	Ongoing
Local Roads and Bridges	Windsor, City of	Road Reconstruction and Rehabilitation of Multiple Streets	Road reconstruction on approximately 5.0 km of city streets, including the removal of the entire asphalt surface by cold milling and resurfacing with new asphalt. Work is being undertaken to improve/extend the life cycle of these road segments.	\$15,748,418	\$2,648,753	Ongoing
Local Roads and Bridges	Windsor, City of	Implementation of Traffic Calming Initiatives	As per the corporate Traffic Calming Policy, the City is implementing traffic calming initiatives in two areas of the City. Drouillard Rd is being narrowed through the use of curb extensions ("bump-outs") between Wyandotte and Richmond. Pillette Rd is being narrowed through the use of either curb extensions or median islands between Tecumseh and Plymouth.	\$206,000	\$4,500	Ongoing
Local Roads and Bridges	Windsor, City of	Advanced Traffic Management System (ATMS) Enhancements	Enhancements to the KITS/ATMS and traffic controller equipment. This includes rehabilitating the communication system to Ethernet from serial via fibre, broadband and cellular, replacement and upgrade of the central system hardware, implantation of central system modules, travel time monitoring, adaptive traffic, continued CCTV camera expansion and installation of ITS components associated with the system. Integration of new technologies and data acquisition is being reviewed.	\$952,000	\$301,100	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Windsor, City of	Citywide Bikeway Development Initiatives	In accordance with the Bicycle Use Master Plan, the City intends to expand its construction of the cycling network facilities, end of trip facilities and transit-cycling links. Approximately 9.4 km are being added to the cycling network.	\$3,489,180	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Rehabilitation of Two Bridges	Rehabilitation of bridges on the E.C. Row Expressway at Dominion Blvd and on Riverside Dr crossing the railway. Work involves removal of existing deck waterproofing, pavement, approach slabs, ballast walls and expansion joint system, partial depth concrete removals and repairs to abutments, wingwalls, deck, soffit, and fascia, bridge jacking and replacement of existing bearing pads, and construction of new approach slabs, ballast walls, expansion joint system and deck waterproofing and paving.	\$2,469,000	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Road Reconstruction and Rehabilitation of Multiple Streets throughout the City	Reconstruction of approximately 5.37 km of road over a number of city streets, including the removal of the entire asphalt surface by cold milling and resurfacing roads with new asphalt. Work is being undertaken to improve/extend the life cycle of these road segments.	\$13,788,574	\$491,437	Ongoing
Local Roads and Bridges	Windsor, City of	Traffic Signals - Capital Upgrades and Replacements	Traffic signal system upgrades and signal improvements at various locations within the City. We are installing new cameras and implementing adaptive signal timing to improve flow of traffic.	\$1,644,475	\$170,000	Ongoing
Local Roads and Bridges	Windsor, City of	Remedial Work on Two Bridges	Remedial work on existing overpasses including removal and replacement of existing expansion joint system along with the reconstruction of the concrete deck ends, partial depth concrete removal and upgrade to soffits, abutments, wing walls, barrier walls and pier columns as well as removal and replacement of concrete median curb and partial removal and replacement of existing asphalt pavement and water proofing membrane.	\$2,726,247	\$789,413	Ongoing
Local Roads and Bridges	Windsor, City of	Rehabilitation of Local Roads throughout the City	Rehabilitation of 12.95 lane-km of local roads resulting in improvements to drainage and road pavement by milling and resurfacing.	\$10,602,263	\$163,700	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Windsor, City of	Improvements on Dougall Ave and Ouellette Place	Dougall Ave/CN Rail Pedestrian Underpass and Multi-Use Trail - installation of a new pedestrian underpass structure/multi-use trail under the CN Railway to promote safe pedestrian and cycling passage through a very busy traffic corridor. □ Dougall Ave/Ouellette Place Intersection Improvements – development of a new geometric design and signalized intersection at a very busy traffic corridor. This intersection has the highest traffic accident rate in the City.	\$9,191,000	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Traffic Signal System Upgrades/Improvements	Traffic signal system upgrades and signal improvements at various locations within the City. We are installing new cameras and implementing adaptive signal timing to improve flow of traffic.	\$200,000	\$49,696	Complete
Local Roads and Bridges	Windsor, City of	Sidewalk Rehabilitation in Multiple Locations	Rehabilitation of existing concrete sidewalks throughout the City. Allocating funding towards this project initiative reduces additional liability claims the City is faced with and improves active transportation infrastructure.	\$317,500	\$86,767	Complete
Local Roads and Bridges	Windsor, City of	Advanced Traffic Management System Upgrades	Continued upgrading and addition of enhancements to the Kimley-Horn Integrated Transportation Systems/Advanced Transportation Management Systems(KITS/ATMS) and continued upgrading of traffic controller equipment to the 2070 controller.	\$1,620,000	\$60,590	Complete
Local Roads and Bridges	Windsor, City of	Rehabilitation of Nine Bridges	Removal of existing bridge deck waterproofing, pavement, approach slabs, ballast walls and expansion joint system. Partial depth concrete removals and repairs to abutments, wingwalls, deck, soffit and fascia. Bridge jacking and removal and replacement of existing bearing pads. Construction of new approach slabs, ballast walls, expansion joint system and bridge deck waterproofing and paving.	\$6,603,313	\$607,663	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Wollaston, Township of	Resurfacing The South Rd, The Ridge, and Steenburg Lk Rd	The primary objective of this project was to ensure our minimum maintenance standards were met or exceeded for the safety of the general public. Throughout the three project sites, the existing roadway was ditched, and rocks removed/broken down with the use of an excavator and rock hammer, and approximately 7.5 km of single surface treatment was applied. Additionally, another approximately 500 tonnes of granular A was applied.	\$158,230	\$158,230	Complete
Local Roads and Bridges	Woodstock, City of	Sidewalk Reconstruction on Huron Street	The existing sidewalk required reconstruction to improve active transportation and public safety within the City. The sidewalk is being reconstructed along both sides of Huron Street, from Devonshire Avenue to Ingersoll Avenue.	\$200,000	\$129,067	Ongoing
Local Roads and Bridges	Woodstock, City of	Surface Asphalt Application to Various Local Roads	This project consists of the supply and placement of hot mix asphalt on a total of 3.6 lane-km of road surface. Work will provide safe, serviceable road pavements that maximize sustainability, and builds upon the road reconstruction projects done in 2020.	\$320,000	\$0	Ongoing
Local Roads and Bridges	Woodstock, City of	Asphalt Resurfacing of Local Roads	Supply and placement of hot mix asphalt on 10.6 lane-km of city roads. Work will provide safe, serviceable road pavements that maximize sustainability and involves pulverizing existing pavement, removing the existing base, and placing hot mix asphalt containing a specified percentage of millings.	\$1,640,000	\$123,406	Ongoing
Local Roads and Bridges	Woodstock, City of	New Sidewalk Construction in Various Locations	New sidewalks are being constructed in the City to improve active transportation and public safety in the community. Approximately 300 m of new sidewalks are being installed in various locations across the City.	\$25,000	\$0	Ongoing
Local Roads and Bridges	Woodstock, City of	New Sidewalk Construction on Devonshire Ave and Light St	New sidewalk construction on the east end of Devonshire Ave (2,200 m) and on Light St (280 m) to improve active transportation within the City and to improve public safety.	\$142,436	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Woodstock, City of	Asphalt Resurfacing of Local Roads	Supply and placement of hot mix asphalt on 10.6 lane-km of city roads, including Anderson St, Arrow Pl, Ashton Cr, Boyle Dr, Canrobert St, Finch Av, Gardiner Pl, Gladstone Dr, Hodgins Cres, Iroquois Cres, Pebble Beach Ct, Rideau Rd, Simcoe St, and Spencer St. Work will provide safe, serviceable road pavements that maximize sustainability and involves pulverizing existing pavement, removing the existing base, and placing hot mix asphalt containing a specified percentage of millings.	\$1,838,000	\$690,000	Complete
Local Roads and Bridges	Woolwich, Township of	St. Charles Street East Resurfacing - Notre Dame Avenue to Crowsfoot Road	St. Charles Street East was in poor condition overall with severe cracking and wheel track rutting. Resurfacing work included full depth pulverizing of the existing asphalt and blending with the underlying granulars, removal, replacement, placement and compaction of granular A material, adjustment of catch basins, placement of HL4 base asphalt, placement of HL3 surface asphalt, placement of Reclaimed Asphalt Pavement (RAP) shoulders, installation of roadway signage, and site restoration.	\$1,177,124	\$300,000	Complete
Local Roads and Bridges	Woolwich, Township of	Hill Street Resurfacing - Northfield Drive to Covered Bridge Drive	Hill Street was in poor condition overall with severe cracking and wheel track rutting. Resurfacing work includes full depth pulverizing of the existing asphalt and blending with the underlying granulars, removal, replacement and compaction of granular A material, placement of HL4 base asphalt, placement of HL3 surface asphalt, placement of Reclaimed Asphalt Pavement (RAP) shoulders, sign install and site restoration.	\$550,307	\$534,293	Complete
Local Roads and Bridges	Woolwich, Township of	Structure 310121 (Low Level Bridge) Rehabilitation – Three Bridges Road	The Low Level Bridge has been experiencing undermining of the footings on the upstream side of the structure. Project work involves the underpinning of 8 existing piers and one abutment completed by underwater divers. Work consists of full depth asphalt removal from the bridge deck, removal of two deck spans, installation of precast concrete beams, installation of a concrete distribution slab, and height restrictors and gates to limit overweight and overheight traffic from accessing the bridge	\$440,000	\$21,670	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Local Roads and Bridges	Woolwich, Township of	Martin Grove Road Bridge	The work includes the removal of the existing concrete structure, construction of a new concrete structure, road reconstruction and resurfacing at the new structure, removal of the temporary access road and restoration works. The new two-lane bridge will replace the existing one-lane, improving traffic in the area. The existing bridge has a load limit of 19/30/40 tonnes, with the new bridge there will be no load restrictions.	\$953,924	\$700,000	Complete
Local Roads and Bridges	York, Regional Municipality of	Rehabilitation of Road Pavement Surface	Rehabilitate road pavement surfaces to maintain the road in state of good repair, to decrease costs of rebuilding roads and bridges. 217km of road pavement surfaces were included in the rehabilitation.	\$85,410,222	\$5,975,908	Complete
Local Roads and Bridges	Zorra, Township of	Rehabilitation of Bridge 33 on Road 78	Bridge 33 on Road 78 requires rehabilitation. The main areas of attention involve waterproofing and paving the deck and approaches, removing the existing concrete barrier system and curbs, installing new standard bridge barrier system to meet the current standards, installing new drainage, and extending deck drains.	\$308,505	\$0	Ongoing
Public Transit	Barrie, City of	Construction of a Transit Garage	Construction of a transit garage and administrative headquarters. Capacity for 85 conventional buses including storage, maintenance, servicing, operations, and administrative services for Barrie Transit. Facility includes bus maintenance areas with repair bays, detail bays, a stockroom, shop tools and major equipment (e.g., hoists required to maintain the fleet). The bus servicing area includes service lanes and other major equipment (e.g., fuel tanks, fuel dispensers and bus washing equipment).	\$26,656,093	\$0	Ongoing
Public Transit	Brampton, City of	Fare Collection Equipment Replacement and Payment Experience Enhancements	The first generation of PRESTO equipment has reached the end of its useful life. This project is for the replacement of fare collection equipment and transition to new device software that provides the foundation for modernization of the fare collection experience. This includes new, contactless payment options that will enhance the rider fare payment experience and a transition of the back office functionality to a new vendor.	\$10,000,000	\$7,136,745	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Brampton, City of	Implementation of Transit IT Initiatives	Hastus software modifications to help transit become more efficient in delivering services. The upgrades have enhanced features, better algorithms and are able to better support new/mobile technologies (such as current operating systems and mobile devices).	\$1,500,000	\$1,034,714	Ongoing
Public Transit	Brampton, City of	Purchase of Low-Floor Conventional Buses	Purchase of 16 low-floor conventional buses. Seven buses are required for growth to meet the expanding needs of a rapidly growing municipality and nine buses are required for replacement of our older fleet.	\$14,065,000	\$1,083,245	Ongoing
Public Transit	Brampton, City of	Refurbishment of Buses/Engines & Replacement of Hybrid Bus Energy Storage Systems	Buses are being refurbished to extend their expected lives for 18 years, to improve safety, and to meet service needs. Engines are also being refreshed on all transit buses, and energy storage systems are being replaced on hybrid buses. Approximately 130 buses are being refurbished and/or having an energy storage system replaced.	\$10,393,000	\$0	Complete
Public Transit	Brampton, City of	Transit Scheduling Software Upgrades	Integrated set of software modules that supports bus scheduling, crew scheduling, dispatching and hence contributing to scheduling efficiencies leading to increased ridership through reallocation of resources.	\$550,000	\$18,291	Ongoing
Public Transit	Brampton, City of	Terminal Improvements at Mt. Pleasant GO Station	Construction of a new Operator facility at Mt. Pleasant GO Station to meet current and future transit growth needs in northwest Brampton. Work involves construction of washrooms and facilities providing a location for operator lunch breaks and reliefs. The new facility is being constructed on Metrolinx property, and as such, is being constructed by them under an agreement with the City.	\$1,000,000	\$5,482	Ongoing
Public Transit	Brampton, City of	Facility Renovations at 185 Clark Blvd.	General replacement and renovation of indoor assets (e.g., structural, mechanical, electrical and building finishes) due to wear and tear, functional obsolescence and customer needs. Work involves the complete replacement of the fire alarm system and public address system, exit signs and emergency lighting system, bus wash, roof, and overhead doors. Also included is a sprinkler system audit.	\$5,069,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Brampton, City of	Smart Bus Technology Installation	To install AVL (Automated Vehicle Locator), using GPS technology, APC (Automated Passenger Count) and MDT (Mobile Display Terminal) on all buses, which will enable Brampton Transit to better manage the system more effectively and efficiently.	\$7,180,000	\$103,616	Complete
Public Transit	Brantford, City of	Capital Upgrades to Conventional Transit Fleet	Replace major components of 4 conventional transit buses half way through their life cycle in order to ensure that they achieve their full life cycle (12 to 14 years). This capital equipment reconditioning upgrade, which is in addition to the on-going and thorough regular routine maintenance that is performed on all our vehicles, will allow the City to maximize each vehicle's life cycle and avoid the need to purchase replacement buses prematurely.	\$200,000	\$20,669	Ongoing
Public Transit	Brantford, City of	Transit Fleet Replacement	Replacement of 4 new transit buses dictated by life cycle needs.	\$2,640,000	\$604,088	Ongoing
Public Transit	Brantford, City of	Transit Replacement of On-Board Equipment	This project includes replacement of Automatic Vehicle Location systems and Call Out Systems with integration and a new farebox system. These replacements are being included in both conventional and specialized transit buses.	\$2,085,000	\$3,139	Ongoing
Public Transit	Brantford, City of	Capital Upgrades to the Conventional Transit Fleet	This project involves the replacement of major components (engines, transmissions, and drive trains) of 5 to 7 conventional transit buses half way through their life cycle in order to ensure that they achieve their full life cycle (12 to 14 years). This capital equipment reconditioning upgrade, which is in addition to, and separate from, on-going, thorough routine maintenance, allows the City to maximize each vehicle's life cycle and avoids the need to purchase replacement buses prematurely.	\$200,000	\$5,960	Ongoing
Public Transit	Brantford, City of	Bus Stop Accessibility Improvements	The City aims to make all bus stops accessible by having concrete pads at all locations for our passengers with limited mobility. One bus stop was improved under this project.	\$3,165	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Burlington, City of	Conventional Bus Replacement	Replacement of four (12 meter) conventional diesel buses to improve public transit.	\$2,835,660	\$0	Complete
Public Transit	Burlington, City of	Purchase of New Conventional Transit Vehicles to Accommodate Ridership Growth	Five expansion buses were purchased in 2017-2018 to respond to increased demand for transit services and to increase the spare ration.	\$1,033,200	\$0	Complete
Public Transit	Burlington, City of	Replacement of Conventional Transit Vehicles	In order to maintain transit service levels with minimal downtime for maintenance and repairs, eight nine-metre replacement buses are being purchased to extend the life and defer replacements by brand new vehicles to a later date.	\$4,423,738	\$223,724	Complete
Public Transit	Cobourg, Town of	Transit Shelter Replacement	The Town is constructing two new bus shelters every year. Shelters are being installed at existing bus stops to replace aging structures and to provide shelters at stops without them.	\$20,000	\$0	Complete
Public Transit	Durham, Regional Municipality of	Battery Electric Bus and Charging Infrastructure Demonstration Project	This project includes the assessment, design, supply, installation, testing and commissioning of battery electric transit buses and heavy-duty electric charging equipment and infrastructure to support the power requirements of the vehicles. Up to eight battery electric buses, four chargers, and eight pantograph disperser solutions are being acquired under this project.	\$19,300,000	\$0	Ongoing
Public Transit	Hamilton, City of	Purchase of Replacement Buses	The City is replacing 18 buses that have reached the end of their expected lives. Replacement ensures that the City can continue to deliver an appropriate level of service to local residents.	\$3,700,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Kingston, City of	Downtown Terminal Feasibility Study & Construction	The Kingston Transit Downtown Transfer Point (DTP) at the corner of Brock & Bagot Sts. is in the core making it a popular and key connection point between 12 transit routes and allows passengers to transfer between bus routes in a safe and accessible manner. A Municipal Class EA Study was done to address issues with the existing site & passenger travel experience & it was recommended that the DTP remain in current location and be upgraded with accessible benches, shelters, and waiting areas.	\$320,076	\$0	Ongoing
Public Transit	London, City of	Purchase and Replacement of Buses	Replacement of 16 buses to maintain assets in a state of good repair, reduce vehicle maintenance costs and support service reliability.	\$10,081,000	\$2,866,000	Complete
Public Transit	Mississauga, City of	Mechanical Systems Renewal at the Transit Facility	Two 100-HP compressors and two 25-HP compressors are being replaced with new compressors of the same sizes but equipped with Variable Frequency Drives (VFDs). The existing compressors operate at 100% capacity - and therefore tend to overheat and malfunction. Replacement resolves this problem, increasing reliability when servicing buses at the facility. The VFDs are additionally expected to reduce energy consumption - and corresponding greenhouse gas emissions - by at least 50%.	\$400,000	\$0	Ongoing
Public Transit	Mississauga, City of	Roof Mechanical and Structural Modifications to Accommodate Hybrid Buses	MiWay is moving towards a conversion of its diesel bus fleet to a hybrid bus fleet. Existing ceiling services in the bus garage conflict with the higher heights of hybrid buses. This project is for the modification and/or raising of existing ceiling services (e.g., HVAC ductwork, HVAC piping, plumbing lines, sprinkler lines and heads, lighting fixtures and electrical conduits) to accommodate the storage of the hybrid bus fleet.	\$550,000	\$0	Ongoing
Public Transit	Mississauga, City of	Acquisition and Installation of Lifts, Hoists, and Related Systems	The objective of this project is to purchase and install lifts, platforms, hoists, specialty equipment, and other transit-related equipment needed to maintain MiWay's existing rolling stock and accommodate the expanding fleet.	\$145,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Mississauga, City of	Presto Equipment Replacement on Buses, at Stations, and at Community Centres	MiWay buses use Presto equipment to collect fares. This equipment was first installed in 2011. This project is for the replacement of ageing fare collection equipment on all MiWay buses (a total of 505 buses) and installation of new small form factor printers in buses along with driver controller units/bus fare transaction processors. Station point of sale devices are also being installed at the City Center Terminal along with third party terminals at various community centers.	\$10,000,000	\$7,435,555	Ongoing
Public Transit	Mississauga, City of	Meadowvale Town Centre Bus Shelter Upgrade	To upgrade and implement a larger shelter at Meadowvale Town Centre Bus terminal. Due to the large number of customers at the terminals, MiWay is enhancing the customer experience by providing a large shelter that will allow two-way pedestrian flow in and out of the shelter. This enhancement will provide an improved transit experience for local residents.	\$46,000	\$0	Ongoing
Public Transit	Mississauga, City of	Erin Mills Town Centre Bus Shelter Upgrade	To upgrade and implement a larger shelter at Erin Mills Town Centre Bus terminal. Due to the large number of customers at the terminals, MiWay is enhancing the customer experience by providing a large shelter that will allow two-way pedestrian flow in and out of the shelter. This enhancement will provide an improved transit experience for local residents.	\$46,000	\$0	Ongoing
Public Transit	Mississauga, City of	Acquisition of Equipment for MiWay Bus Maintenance Facilities	The objective of this project is to purchase equipment (e.g., lifts, specialty equipment, platforms, hoists, etc.) to maintain MiWay's fleet of transit buses. The equipment is vital to ensure transit fleet can support MiWay's levels of service.	\$155,000	\$90,602	Ongoing
Public Transit	Mississauga, City of	Rehabilitation of MiWay Transit Bus Engines and Other Major Components	This project funds transit bus engine rehabilitation. In the event where transit buses have engine or other major component failure, this project ensures that the repairs are completed in order for the buses to be operable and re-entered into revenue service.	\$5,600,000	\$1,345,214	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Mississauga, City of	Upgrading of Station Signage at Various Transit Terminals	This project involves upgrading of station identification signage at Westwood Square and City Centre Transit Terminals. The project also includes relocating of pick-up and drop-off area at Central Parkway Transitway Station.	\$100,000	\$55,447	Complete
Public Transit	Mississauga, City of	Replacement of Transit On-Street Bus Pads, MiWay Bus Stop Poles and Markers	The project involves the replacement/expansion of on-street bus pads. It also involves replacement of existing bus stop markers with the improved accessible design. This project will include the purchase of the bus poles and printing of the stop markers for implementation system wide.	\$190,000	\$171,447	Ongoing
Public Transit	Mississauga, City of	Design and Installation of Inground Two and Three Post Bus Hoists at 2 Transit Terminals	The project involves the design drawings and specifications for 7 inground vehicle hoists at Malton Satellite Terminal and 8 inground vehicle hoists at Central Parkway (Edward J. Dowling) Transit Terminal and all associated work to complete the installation.	\$5,362,000	\$897,024	Ongoing
Public Transit	Mississauga, City of	CityLink IVR Upgrade with Telephony Platform and Real-time GTFS Integration	CityLink is an automated telephone system providing 24/7 access to transit information (e.g., next bus times, bus schedules, bulletins and other routine transit information). The City is upgrading CityLink IVR to the latest version to address the public's growing need for fast and reliable transit information. Work involves deployment to Windows Server 2016 (3 Servers: 2 Production/1 Test), upgrading the telephony platform, and GTFS schedule and real-time data integration.	\$125,000	\$1,608	Complete
Public Transit	Mississauga, City of	Acquisition of Public Transit Buses to Support MiWay Service Levels	The main objective of this project is to purchase 11 new public transit buses. The buses will be purchased through competitive procurement and will be used to service MiWay transit routes.	\$13,200,000	\$7,907,810	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Mississauga, City of	Mechanical Equipment and Control Systems Renewal at Edward J. Dowling Transit Facility	The City is replacing two ageing mechanical rooftop units in Building C, addressing the high heat causing compressor failures in Building D's compressor room, upgrading ageing building automation system hardware that is no longer supported by the vendor, and replacing the faulty VVT System in Building B with an energy-efficient and low carbon VRF System.	\$2,708,200	\$18,581	Ongoing
Public Transit	Mississauga, City of	Transit Hastus Application Upgrade	Hastus Application is critical ITS application which helps with crew scheduling, bus assignment, staff payroll, customer comments. Application is due for an upgrade as part of lifecycle. New version will be web based, easy to access and comes with new functionality of Web Bidding. High Availability of the application will be another feature which will be implemented as part of upgrade to ensure Business Continuity/DR.	\$1,000,000	\$9,327	Ongoing
Public Transit	Mississauga, City of	Transit Planning Software Integration	Due to the growing complexity of planning transit routes and services, MiWay identified a need for a technical solution to the current manual route planning and analysis. With Remix, planners are able to change service plans and see the impact to multiple demographic variables in real time, saving hours of manual analysis for multiple iterations of routing designs.	\$587,030	\$2,458	Ongoing
Public Transit	Mississauga, City of	Redevelopment of the Inter-Regional Terminal at Kipling Subway Station	This project is for the redevelopment of Kipling Subway Station, which includes a new inter-regional bus terminal and re-alignment of facilities in proximity to the terminal, as part of the City's commitment to Metrolinx.	\$1,800,000	\$1,800,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Mississauga, City of	Transit Mini Terminals/Bay/Bus Loop - Replacement	To undertake rehabilitation work and upgrades to existing mini-terminals, bays and bus loops to extend the expected life of the asset, or improve its service potential and ensure that infrastructure is safe for use. □ □ The project includes work on:□ - Cooksville Go Station - This project will include the enhancement of digital signage to better serve the customers.□ - Westwood Terminal - This project will include the pavement markings to enhance the customer experience and improve safety.	\$100,000	\$6,837	Complete
Public Transit	Mississauga, City of	Replacement of On-Street MiWay Bus Stop Poles and Markers	To replace the existing bus stop markers with the improved accessible design. This project will include the purchase of the bus poles and printing of the stop markers for implementation system-wide.	\$50,000	\$6,375	Ongoing
Public Transit	Mississauga, City of	Transit Hybrid Midlife Rehabilitation - Battery Modules, Traction Motors and Generators	This project is for the rehabilitation of 15 buses. □ □ ESS battery modules have an expected service life of six years. As these buses are nine years old, MiWay expects the modules to fail. Each bus has 16 modules. This project supports replacement of the modules as they fail. □ □ Hybrid buses contain traction motors and generators as part of their propulsion system. Some of these components have failed already. This project replaces these major components to keep the buses operational.	\$1,002,362	\$165,234	Ongoing
Public Transit	Mississauga, City of	Transit Capital Bus Maintenance - Engine Rehabilitation	This project is for the rehabilitation of 53 transit bus engines. In the event where transit buses have an engine failure, this project ensures that the rehabilitation is completed in order for the buses to be operable and re-entered into revenue service.	\$5,500,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Mississauga, City of	Transit Bus Acquisitions - Replacement	The main objective of this project is to purchase 30 new public transit buses to replace older buses that have surpassed their useful life. The buses in 2019 were purchased through competitive procurement and built in Saint Eustache, QC. The buses will be second-generation hybrid-electric propulsion technology and will be used to service MiWay transit routes.	\$8,363,597	\$2,000,000	Ongoing
Public Transit	Mississauga, City of	Installation of Presto Self-Service Kiosks	To install 25-30 Presto self-service kiosks (equipment with built-in software) at City Centre Transit Terminal, transit way stations and hubs as well as high-volume community centres to reduce transit user line-ups and increase efficiency.	\$1,000,000	\$163,990	Ongoing
Public Transit	Mississauga, City of	Replacement and Improvements at multiple transit terminals	Replacement of critical doors and grates at City Centre Transit Terminal and Transit Central, as well as the canopy at Malton Satellite.	\$430,841	\$0	Complete
Public Transit	Mississauga, City of	Transit Bus Acquisition Service Growth	Acquisition of up to 10 new 40 ft regular service buses to service the increased service hours authorized for daily operations.	\$7,158,000	\$0	Complete
Public Transit	Mississauga, City of	Replacement of Platform, Roof and Ramp at Various Transit Facilities	Replacement of the platform surface at City Centre Transit Terminal and mechanical systems at Malton Transit Terminal. Work also involves escalator and elevator modernization, roof replacement, and ramp replacement at transit buildings.	\$8,182,296	\$2,225,982	Ongoing
Public Transit	Mississauga, City of	Replacement and Improvements at Multiple Transit Terminals	Improvements at Transit Terminals, City Centre, South Common Mall, and the Inter-Regional Terminal Kipling Subway Station redevelopment at Dundas and Aukland. Improvements involve technical and structural enhancements to elevators, escalators and other structures.	\$5,738,420	\$33,333	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Mississauga, City of	Rehabilitation & Improvements in Multiple Transit Facilities	Central Transit Facility Terminal LED Lighting Retrofit (including the replacement of 504 metal halide fixtures with new LED fixtures and enhanced lighting controls), Water Supply Line, and Exterior Door Assembly. Malton Transit Facility Expansion and Improvements. Semenyk Court Facility - Washroom replacement and Retaining Wall/Chain Link Fence.	\$4,767,256	\$0	Complete
Public Transit	Mississauga, City of	Transit GTA Farecard Project	This project will work in conjunction with other transit systems in the GTA to facilitate public transportation in the GTHA, allowing for a seamless, paperless and cashless process. The project includes the following device installations for full roll-out: Online Devices (devices are permanently connected to the Central System, transmitting data to/from the CS at set intervals), Station Point of Sale Device (SPOS), Card Query Device (CQD). 500 card readers will be installed.	\$9,785,164	\$0	Complete
Public Transit	Mississauga, City of	Mississauga Intelligent Transportation System for Transit (MITST)	This project is to implement a Mississauga Intelligent Transportation System for Transit (MITST) to provide a proven, efficient and reliable system to meet the needs of Mississauga Transit (MT) dispatchers (controllers), bus operators, supervisors, security enforcement, management, and the travelling public. The system will comply with mandated automated next stop announcement; Provide real-time travel information on any device, any time, any place; Improve service delivery.	\$17,664,566	\$0	Ongoing
Public Transit	Ottawa, City of	Installation of Replacement Hoist at the St. Laurent Transit Garage	The existing hoist has exceeded its expected lifespan. Continued use of the hoist increases the risk of damage to transit vehicles and injury to transit staff. The new hoist will allow for continued safe and efficient transit vehicle maintenance.	\$4,000,000	\$431,935	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Ottawa, City of	Implementation of a Fare Control System at Confederation Line Stations - Stage 2	A Fare Control System is being procured and implemented as approved by the Commission. The Fare Control System includes fare gates, ticket vending machines, and customer help points at all Confederation Line and Trillium Line Stations. These equipment and systems will allow for a safe and efficient transit operation, an easy and intuitive customer journey, and payment with existing fare media as well as providing flexibility for future fare media.	\$23,900,000	\$5,100,000	Ongoing
Public Transit	Ottawa, City of	Purchase of Novabus LFS Diesel 40 ft Buses	Purchase of 38 Novabus LFS Diesel 40 ft buses for replacement of the City's ageing bus fleet.	\$27,139,666	\$0	Ongoing
Public Transit	Ottawa, City of	Expansion of the Baseline Park & Ride Facility	Design and expansion of the Baseline Park & Ride Facility (Woodroffe and Baseline Road) due to the increased volume of users. This ward serves over 51,000 people. The expected useful life of this expanded facility is 25-30 years.	\$554,137	\$0	Complete
Public Transit	Ottawa, City of	Purchase of Novabus LFS Diesel 40 ft Buses	Purchase of 34 Novabus LFS Diesel 40 ft buses for replacement of the City's ageing bus fleet.	\$28,000,000	\$2,882,000	Ongoing
Public Transit	Ottawa, City of	Construction of SE Transitway - Heron Road and Walkley Road	Construction of 940 m of Southeast Transitway between Heron Road and Walkley Road.	\$512,828	\$114,000	Complete
Public Transit	Ottawa, City of	Purchase of FLIRT Diesel/Electric Trains	Purchase of 7 Stadler FLIRT Diesel Electric Trains for Trillium Light Rail Line	\$246,994,080	\$0	Ongoing
Public Transit	Ottawa, City of	Planning/Designing/Construction Stage 2 Light Rail	Planning, designing and constructing Stage 2 Light Rail Transit service to the City's East, West and Southern communities. Stage 2 of light rail will involve the addition of 35 kilometers of rail and 19 new stations that improve the performance of, and access to, Ottawa public transit network; attract new customers; and limit operational costs. This project covers preliminary design, procurement options analysis, business case development etc.	\$3,800,443,699	\$0	Ongoing
Public Transit	Ottawa, City of	Purchase of Novabus LFS Diesel 40 ft Buses	Purchase of 79 Novabus LFS Diesel 40 ft buses for replacement of ageing bus fleet.	\$54,691,848	\$300,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Ottawa, City of	Construction of the South West Transitway from Baseline Rd to Norice Drive	This project involves construction of the south west transitway from Baseline Rd to Norice Drive, including both transitway infrastructure and a multi-use pathway adjacent to the transitway.	\$1,497,000	\$0	Ongoing
Public Transit	Ottawa, City of	Purchase of New Light Rail Vehicles and Expansion of the Belfast Multi-Service Facility	Purchase of 38 new Alstom Citadis Light Rail Vehicles for the Downtown line and East/West expansion lines and expansion of the Belfast Multi-Service Facility.	\$476,184,423	\$393,052	Ongoing
Public Transit	Ottawa, City of	Light Rail Transit (LRT) between Tunney's and Blair	The rapid transit network component of the Transportation Master Plan, which included a rail corridor between Tunneys and Blair, with a downtown tunnel and a maintenance and storage facility to be located in the east end. This project is required to address congestion through the downtown core and to increase the capacity of the transit system to accommodate future transit ridership.	\$2,080,453,907	\$2,359,855	Complete
Public Transit	Peel, Region of	Purchase of TransHelp Vehicles	Purchase of TransHelp vehicles. The project includes the addition of two new vehicles to support client growth due to changes as a result of the Accessibility for Ontarians with Disabilities Act (AODA) and Peel's aging and growing population.	\$137,080	\$131,791	Complete
Public Transit	Peel, Region of	Purchase and Replacement of TransHelp Vehicles	Purchase/replacement of old TransHelp vehicles (16 total). The project also includes the addition of new vehicles to support client growth due to changes as a result of the Accessibility for Ontarians with Disabilities Act (AODA) and Peel's aging and growing population.	\$1,575,000	\$3,945	Complete
Public Transit	Peel, Region of	Installation of Video Cameras on TransHelp Buses	Video cameras are being installed on all TransHelp owned vehicles to provide safety and security for passengers/persons with disabilities.	\$653,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Peel, Region of	Infrastructure Upgrades to the TransHelp's VCOM Radio Communication System.	The infrastructure upgrade to the VCOM system involves enhancing the VCOM tower generators and wireless data backup system and the continued expansion of the broadband overlay. This project will provide reserve capacity to accommodate future growth, better extreme weather resistance and improved core servicing without traffic interruptions.	\$4,411,900	\$19,496	Ongoing
Public Transit	Peel, Region of	Purchase and Replacement of TransHelp and Caledon Community Services Vehicles	Purchase/replacement of 32 old TransHelp and Caledon Community Services vehicles. The project also included the addition of new vehicles to support client growth due to changes as a result of the Accessibility for Ontarians with Disabilities Act (AODA) and Peel's aging and growing population. The vehicle purchases for Caledon Community Services support added vehicles in the Town of Caledon to provide accessible transportation services to residents.	\$2,881,715	\$0	Complete
Public Transit	Peel, Region of	Accessibility Information Technology	Implementation of software and technology to support the recommendations of the Accessible Transportation Master Plan Service Model.	\$2,012,000	\$83,615	Ongoing
Public Transit	Peel, Region of	Mavis Yard Redevelopment for Accessible Transportation	Redevelopment of Mavis facility to accommodate accessible transportation operations. The Facility includes approx. 30,000 sq. ft. of industrial space for vehicle maintenance and cleaning. Also included is admin office space, vehicle fuelling facilities & associated parking for Fleet & employees. The new facility includes many Low Impact Development initiatives such as, rainwater harvesting for use in the wash bay, a green roof and permeable pavers in a portion of the parking areas.	\$18,501,553	\$250,983	Ongoing
Public Transit	Peel, Region of	VCOM Software/Hardware Replacement for TransHelp	The entire voice radio communication system used by the Region - including the two-way radio system used by TransHelp for communication between dispatchers and bus drivers - is being upgraded.	\$11,389,000	\$0	Ongoing
Public Transit	Peel, Region of	TransHelp Bus Retrofit	Retrofit of fifty five buses for system changes/upgrades and accessibility features (e.g., upgraded flooring, stanchions bars, etc.).	\$400,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	Thunder Bay, City of	Transit Stops Upgrades	Transit stop upgrades include hard surface mobility pads to improve accessibility, shelters to improve stop amenities, and transit signage at bus stops, terminals and transfer points.	\$130,000	\$1,017	Complete
Public Transit	Woodstock, City of	Hydrogen Units Pilot Project	A transit bus and a recycling truck would be installed with the HydraGEN units with fuel savings rate estimated between 6% and 19% with additional reductions in particulate matter and greenhouse gases. The units are a small attachment placed on a diesel vehicle and are used to convert distilled water into pure oxygen and hydrogen. The pure oxygen and hydrogen are then added to the vehicles fuel stream for enhanced combustion.	\$14,001	\$0	Complete
Public Transit	York, Regional Municipality of	Expansion of Transit Management Systems	Expansion and upgrade of fare collection systems and various intelligent transportation systems (e.g., collision avoidance systems, BI upgrades, and mobile fare payment) to support growth and improve productivity and customer service. These intelligent transportation systems will provide Regional residents, bus operators and travelers with safe, secure transportation services.	\$1,620,000	\$765,402	Complete
Public Transit	York, Regional Municipality of	Design, Construction, and Expansion of Bus Stops and Terminals	Design and construction of 79 new or expanded transit facilities, including the installation of new bus stop shelters, concrete passenger standing areas at bus stops, and various upgrades to terminals. There is a legislative requirement to provide appropriate facilities for the travelling public at transit facilities. This project provides the required infrastructure and amenities to support the expansion of YRT/Viva service in York Region.	\$1,154,000	\$467,046	Complete
Public Transit	York, Regional Municipality of	Planning, Design, and Construction of Electric Bus Infrastructure	York Region Transit is working towards a transition of its bus fleet from diesel to greenhouse gas emission-free electric propulsion systems by 2051. There are electric bus infrastructure upgrades required at bus garages, terminals, and on-street facilities in order to support the transition to an electric bus fleet.	\$2,840,000	\$233,209	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	York, Regional Municipality of	Purchase of Transportation Support Vehicles	This investment represents the purchase of five vehicles to support service growth, address additional operating needs, and fulfill new operating contract agreements. Vehicles will be used by YRT staff and contractors for inspections, fare enforcement, transit fleet technician support, facilities, transit management systems, and other duties.	\$241,000	\$0	Ongoing
Public Transit	York, Regional Municipality of	Design, Construction, and Upgrade of the Newmarket Bus Terminal	Design, construction, and upgrade of the newly purchased Newmarket Bus Terminal. The purchase of the terminal building ensures existing YRT bus operations continue uninterrupted and secures operational capabilities for future growth as outlined in the 2020-2024 Transit Strategic Plan. The Newmarket GO Terminal is in the Town of Newmarket Urban Centres Secondary Plan which is identified for economic growth and is a vital transportation corridor.	\$15,374,000	\$447,444	Complete
Public Transit	York, Regional Municipality of	Design and Construction of the Mackenzie Vaughan Hospital Terminal	Design and construction of new Mackenzie Vaughan Hospital terminal. This terminal will support transit needs related to ongoing commercial and institutional growth in the corridor associated with the City of Vaughan Healthcare Precinct Plan which includes the new Hospital and associated lands. The terminal will also support existing commercial and recreational destinations in the corridor.	\$16,663,000	\$1,752,706	Ongoing
Public Transit	York, Regional Municipality of	Expansion of the Transit Garage at 55 Orlando Ave	Expansion of the existing bus storage and maintenance facility at 55 Orlando Ave in Richmond Hill to accommodate the growing fleet. The existing facility is expected to reach capacity in 2024, and it will be necessary to expand the facility to meet transit related objectives outlined in various Regional plans and studies. This project will allow for transit growth in an efficient and fiscally responsible way by optimizing an existing bus garage to meet YRT needs.	\$66,835,000	\$4,297,005	Ongoing
Public Transit	York, Regional Municipality of	Design, Construction and Expansion of Rapidway Facilities and Terminals	Design, construction and expansion of rapidway facilities and terminals including the Operations, Maintenance and Storage Facility in Richmond Hill, various park n ride facilities and new terminal in the City of Markham.	\$220,409,785	\$41,323	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Public Transit	York, Regional Municipality of	Construction of Transit Garage North	Construction of a bus storage and maintenance facility at 18110 Yonge St. to accommodate the growing fleet. The facility expansion is aligned with the council endorsed strategy to store and maintain the Region's conventional, Viva, and specialized fleets to the year 2031. The project will ensure bus service plans outlined in the 2020-2024 Transit Strategic Plan can be implemented while also protecting and extending the life of an existing Regional asset.	\$41,169,000	\$1,688,826	Ongoing
Public Transit	York, Regional Municipality of	York Region Rapid Transit	This project is the construction of Toronto-York Spadina Subway Extension (TYSSE) which extends the existing TTC subway system across the municipal boundary between the City of Toronto and the Regional Municipality of York.	\$346,533,504	\$23,760,967	Ongoing
Recreation	Ajax, Town of	Improvements to the Cricket Clubhouse	The clubhouse building consists of a one storey 'A' frame. The clubhouse building has undergone very little maintenance since construction and as such requires substantial rehabilitation to ensure the building is safe.	\$3,181,800	\$0	Ongoing
Recreation	Ajax, Town of	Audley Recreation Centre Phase 2	44,800 sq ft expansion to an existing recreation facility that provides an active living studio, change rooms, multi-functional space for programming for all ages, community rooms, and a branch library.	\$42,870,700	\$893	Complete
Recreation	Alberton, Township of	Installation of Polymer Rink Board Covers	Existing rink boards are being cleaned, replaced if needed, and covered and topped with white HDPE UV Treated Puck Boards with matching stainless steel screws to extend the useful life of the rink boards for approximately ten years.	\$20,000	\$14,625	Complete
Recreation	Atikokan, Town of	Dehumidifying Unit Replacement in the Recreation Wellness Centre	This project will replace the dehumidifying unit which provides heat in the winter and removes humidity in the summer in the pool area of our Recreation Wellness Centre. The swimming pool is unable to operate without this unit which has overextended its lifespan by over 15 years and caused several problems in the building.	\$289,527	\$289,527	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Atikokan, Town of	Multi-purpose Community Wellness Centre	Revamp two existing facilities (pool and arena) into a multi-purpose community wellness centre. Two separate existing buildings were joined together with upgrades to each building including the refrigerated floor system, boards, glass, etc. to expand and modernize the current facility size. All these upgrades allow for higher levels of participation, economic stimulus and improved energy efficiencies.	\$5,500,000	\$0	Complete
Recreation	Aurora, Town of	Aurora Town Square Expansion	A vibrant outdoor public square with amphitheatre, seasonal skating loop/splash pad, water feature and ample seating areas. 32,000 + sq. ft. purpose-built cultural facility that includes: Multi-use performance hall, a visual arts studio, dance studio, environmentally controlled museum storage, flexible programming rooms, café and catering kitchen, and extensive improvements to the library. Works provides public with improved gathering & recreation spaces.	\$51,939,500	\$3,408,119	Ongoing
Recreation	Baldwin, Township of	Recreation Site - Rehabilitation	Rehabilitation of Snoopy's Landing (our recreation site) to add a new - and more efficient - water system (including drilled well, weeping tiles, pump etc.), increase lighting for the rink and soccer field, enhance the parking lot, enhance the new dog park, and improve the playground. All of these additions will make the recreation site more user friendly and accessible to all community members and surrounding municipalities.	\$35,000	\$0	Complete
Recreation	Baldwin, Township of	Community Garden Rehabilitation	The Township is rehabilitating the Community Garden and walking path to make it more user-friendly. Work involves construction of a gazebo with lighting, resurfacing and widening the current heaved walkway to make it more accessible and safe, and creating space for vehicle and bike parking. Rehabilitation encourages residents to enjoy gardening, the playground equipment (recently installed), picnics, and local activities (family celebrations, music concerts, "Art In the Park", etc.).	\$75,000	\$5,124	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Barrie, City of	Tennis Court Rehabilitation in Multiple Locations	The tennis courts at Eastview Park, Redpath Park and Greenfield Park are being replaced where there is physical deterioration of the existing facilities. Also included is the upgrading of the lighting system to LED, replacement of deteriorated fencing, replacement of the asphalt surfacing, new nets, and tensioning mechanisms. The Queens Park project is a full replacement of 3 asphalt courts, new set of posts and nets, and installation of new fencing mesh.	\$1,245,902	\$148,221	Complete
Recreation	Barrie, City of	Restoration of Lobby Flooring at Allandale Recreation Centre	This project involves the restoration/resurfacing of the interlocking stone flooring in the circulation areas of the Allandale Recreation Centre. Ancillary work to be completed in a second phase includes ceiling restoration to update the appearance of the facility, and complete a designated substance abatement in advance of future work.	\$500,000	\$92	Ongoing
Recreation	Barrie, City of	Expansion of Centennial Park Infrastructure	Expansion of Centennial Park, involving implementation of renewed pathways to separate pedestrians from cyclists and improve accessibility; construction of new boardwalk between the beach and parkland; electrical and water fountain servicing; pathway lighting, and irrigation for Centennial Park. Park improvements allow this major community park to function at optimum levels, and provides residents and visitors with a beautiful recreational area in the heart of the City's downtown.	\$7,727,611	\$166,369	Ongoing
Recreation	Brampton, City of	Replacement of the Ice Track at Gage Park	The replacement of the Gage Park ice skating track concrete pad and refrigeration piping will prevent further possible failures of the piping and potential disruption to this popular downtown winter attraction. The scope of work includes providing protection for existing old growth trees, demolishing the existing track, constructing a new concrete ice track, and installing new refrigeration piping.	\$765,000	\$16,273	Ongoing
Recreation	Brampton, City of	Renovation of Pool Change Rooms - Chinguacousy Wellness Centre	Refresh and renovation of the existing men's, women's, and family pool change room interior finishes at Chinguacousy Wellness Centre. This will create a better recreation experience for the citizens of Brampton.	\$2,467,000	\$1,363,501	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Brampton, City of	Roof Replacement at Century Gardens Recreation Centre	Replacement of main four-ply built up flat roofs at various locations (including above the pool area, old Zamboni room, on the north side of Rink 1 - the original rink - and around the mechanical room penthouse) due to these approaching the end of their service life. It is recommended to replace the built-up roofs, at the locations indicated above, with a new two-ply modified bitumen system and an elastomeric coating above Rink 1 to extend the service life of this sloped metal roof.	\$896,000	\$2,115	Ongoing
Recreation	Brampton, City of	Construction of a Clubhouse at the Brampton Tennis Club	The Brampton Rosalea Tennis Clubhouse at 38 Union St is over 40 yrs old & requires significant capital to bring it up to a state of good repair & to meet the City's Accessibility Technical Standards. Close proximity to the Riverwalk initiative means the Tennis club may have to be relocated in the next 5-10 years, & full life cycle of any future capital renewals may not be realized. The City is therefore demolishing the existing clubhouse and replacing it with a prefabricated modular building.	\$1,430,000	\$97,435	Ongoing
Recreation	Brampton, City of	Redevelopment of Howden Recreation Centre	Howden Recreation Centre was an aging building set far back from the road, with few amenities compared to other facilities in Brampton. The City is therefore demolishing the existing building and constructing a new 40,000-50,000 sq ft facility. The new facility will include a multipurpose gymnasium with a FIBA court, several multipurpose rooms, fitness amenities, and outdoor courts and play areas. This redevelopment is part of the overall revitalization plan of recreation centres.	\$1,000,000	\$451,337	Ongoing
Recreation	Brampton, City of	Renovation and Expansion of Balmoral Recreation Centre	The project consists of partial demolition of the existing 53-year old building with an area of 17,000 sq ft while retaining the 25 m lap pool, and constructing a new building addition with a new total building area of approximately 34,720 sq ft. The addition includes a pool and sauna, family shower and change rooms, gymnasium with change rooms, two multi-purpose rooms, an admin office, and an outdoor splash pad and playground.	\$19,700,000	\$26,648	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Brampton, City of	Replacement of Playstructures in Ferri Park, Rushmore Park and Valleydown Park	Playstructures are being replaced at Ferri Park, Rushmore Park and Valleydown Park. The playstructures have been prioritized from a detailed audit assessment and from a number of grandfathered CSA infractions to meet current industry standards. Work involves rehabilitating and replacing playstructures, surfacing, concrete curbs, drainage, benches, and concrete pads, and regrading top soil and sod.	\$733,336	\$450	Ongoing
Recreation	Brampton, City of	Walkway Replacement in Multiple Parks	Walkway Replacement involves removal of existing pathway asphalt, excavation and widening of existing trail to current City standard, placing new CSP culverts to facilitate positive drainage, placing a base of 200 mm of recycled crushed concrete, and paving 75 mm of HL-3 asphalt to restore the parks' pathway.	\$783,039	\$14,348	Ongoing
Recreation	Brampton, City of	Renovation of Multiple Recreation Centres	Project work involves structural, mechanical, electrical works, building finishes, furnishings and equipment replacement due to wear and tear, functional obsolescence, and customer need in the Brampton Soccer Centre, Earnscliffe RC, Greenbriar RC, Jim Archdekin RC, Loafer's Lake RC, Memorial Arena, and Terry Miller RC.	\$9,596,000	\$80,736	Ongoing
Recreation	Brampton, City of	Renovation of Various Recreation Facilities	Renovations at the Brampton Soccer Centre, Chinguacousy Park, Chris Gibson RC, Earnscliffe RC, Memorial Arena, Peel Village Golf Course and FCCC Senior Centre. Work involves structural, mechanical, electrical, building finishes, furnishings & equipment replacement due to wear and tear, functional obsolescence, and customer need.	\$5,307,000	\$0	Ongoing
Recreation	Brampton, City of	Outdoor Recreation Amenity Improvements	Replacement of play structures, trails and pathways to meet current standards and update aging infrastructure, installation of new shade structures in city parks, expansion of open space at Rosalea Park, and replacement of existing furniture and signage.	\$2,975,000	\$12,385	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Brantford, City of	Rerouting/Reconstruction of D'Aubigny Trail	The renovation of existing asphalt, granular, tar and chip trails to new asphalt, concrete or hard surface in order to improve accessibility and shared use and to ensure that trail conditions remain safe. The re-routing/reconstruction of D'Aubigny trail will be approximately 675 m of existing asphalt and potentially 350 m for the new route.	\$100,000	\$7,520	Ongoing
Recreation	Brantford, City of	Rotary Centennial Waterworks Park Pavillion Site Improvements	The overall condition of this site is poor. The City is therefore making improvements to the pavilion and surrounding park space. This investment will bring the level of service of the park back up to community standards.	\$500,000	\$18,221	Ongoing
Recreation	Brantford, City of	Wayne Gretzky Sports Centre Insulate Vapour Barrier Installation	The project will improve the energy efficiency of the space by adding a proper level of insulation and necessary vapour barrier for such a humid environment to both the South & North end walls. This is a green energy project that will benefit the operation and provide energy savings. The exterior cladding will be replaced as part of this project as well.	\$276,128	\$200,000	Complete
Recreation	Brockville, City of	Renovation of Hardy Park Washrooms & Sewer Reconstruction	This renovation was to partly demolish the two old Hardy park washrooms and add four accessible washrooms. The part of the building left standing houses the electrical panel, maintenance room and storage. The whole structure now has a tin roof with tin siding, metal doors and AODA compliant washrooms. □ The existing sewer connection to the Hardy Park washrooms is additionally inadequate (capacity and condition) and is therefore being reconstructed.	\$181,361	\$26,000	Complete
Recreation	Burlington, City of	Renovations and Accessibility Improvements at the Beachway Pavilion	To renovate Beachway pavilion decking and increase the accessibility of the facility to local residents.	\$700,000	\$198,298	Ongoing
Recreation	Burlington, City of	Skyway Arena Revitalization	To upgrade refrigeration equipment and building components, which have reached the end of their life cycle and additionally require work due to environmental, accessibility and efficiency reasons.	\$3,750,000	\$21,565	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Callander, Municipality of	Centennial Park Play Structure	The project consists of a design-build to construct a play structure to be situated in Centennial Park. The existing structure is predominately timber based with plastic slides and steel fittings. The existing structure is in excess of 25 years old and has had minor maintenance performed as sections became worn and has become unsafe. The community as a whole will benefit from a new play structure which will be accessible for all children with limited mobility.	\$192,494	\$40,170	Ongoing
Recreation	Cambridge, City of	Northview Heights Lookout Park - Playground Replacement	This project involves the replacement of a no longer CSA-compliant play structure with a new structure. The new structure includes a few accessible components to help meet accessibility requirements. Playground surfacing is also being upgraded with an accessible engineered wood fibre surface, making it more accessible.	\$95,000	\$0	Ongoing
Recreation	Cambridge, City of	Gail St Park - Playground Replacement	The replacement of a no longer CSA-compliant play structure with a new structure. The new structure includes a few accessible components to help meet accessibility requirements. Playground surfacing is also being upgraded with an accessible wood fibre engineered surface, making it more accessible.	\$75,000	\$0	Ongoing
Recreation	Cambridge, City of	Witmer Park Improvement	Improvement to the current park amenities within Witmer Park (100 Arthur Fach Dr.) with guidance from neighbourhood input. Improvements include the construction of a shade pavilion structure and a multi-use court (containing basketball, tennis/pickleball, a games wall and painted court games), while still maintaining a large lawn area for informal play. The intention of the design is to provide a multi-functional and flexible space for the community to use, both formally and informally.	\$228,167	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Cambridge, City of	Sports field Improvements	This project addresses the capital improvement needs of existing sports facilities as part of the update to the Master Plan for sports fields and sports field facilities. This involves both washroom and sports field improvements. The focus is to upgrade back stops and perform infield improvements on the two Wayne Taylor Park diamonds and the Studiman Park diamond. This also includes minor improvements at the Churchill Park soccer field washrooms.	\$389,700	\$0	Complete
Recreation	Cambridge, City of	Grandstand Roof Replacement - Riverside Park	Replacement of critically failing roof on the Riverside Park Grandstand. The roof deck has rotted prematurely with visible holes through the deck and water damage is increasing beneath the seating and in the change rooms below.	\$150,000	\$8,012	Ongoing
Recreation	Cambridge, City of	Centennial Park Rehabilitation	Rehabilitation of Centennial park to improve pedestrian safety. Work involves replacing aged and failing staircases, replacing railings, eliminating heaved walkway trip hazards, rehabilitating collapsing decorative walls, replanting overgrown site-lines, and work on vistas, including the lighting of the Gore Pergola and upper lookout.	\$200,000	\$25,338	Ongoing
Recreation	Cambridge, City of	Forbes Park Revitalization	This project is for the improvement and update of many features located within Forbes Park. Phase 1 improves the accessibility of the park by remodeling/renovating washrooms to provide accessible access to all patrons and by addressing issues with pathways and parking lots. Drainage issues are also being addressed during Phase 1.	\$375,000	\$36,792	Complete
Recreation	Carling, Township of	Construction of New Rink Slab and Refrigeration Lines at the Community Centre	A new rink slab - with new refrigeration lines in the slab - was constructed to improve performance and lower operating costs to maintain ice.	\$334,414	\$144,014	Complete
Recreation	Clarence-Rockland, City of	Construction of a Multiuse Path between Amber St and Caron St	The City is building a multiuse path between Amber and Caron roads in order to connect the path that runs along Caron St to the one the one found in Morris Village.	\$172,405	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Clarence-Rockland, City of	Improvements to the Recreational Complex	The City is paving the entrance to the complex - along with the roundabout/drop off area - to improve accessibility and safety for individuals and families using the facility. The City encourages residents to pursue an active lifestyle; this project promotes the use of the recreational complex and the numerous options that it provides to stay active.	\$104,252	\$52,126	Complete
Recreation	Clarington, Municipality of	Upgrades to Community Facilities	A compressor is being overhauled at Darlington Sports Centre to improve operation and efficiency. Roof Top Units 4 and 7 are being overhauled at Courtice Community Complex. Ice Chillers at Orono Community Arena and Newcastle Arena are being replaced to address life cycle concerns, mitigate risk, and increase energy efficiency. The pool dehumidification unit at Diane Hamry Recreation Complex is being upgraded with an improved oil management system and the installation of variable speed drives.	\$378,000	\$217,699	Ongoing
Recreation	Clarington, Municipality of	Construction of Newcastle Community Park - Phase 1	In 2020, the Municipality completed an Outdoor Recreational Needs Study that identified the need for lit ball diamonds, tennis courts, and a skateboard park at the Newcastle Community Park. The proposed facilities will serve the existing population as well as new developments.	\$1,500,000	\$70,000	Ongoing
Recreation	Clearview, Township of	Station Park Redevelopment	These works are part of a major downtown revitalization for the Stayner community and will include correction of deficient drainage issues, road reconstruction and urbanization, traffic calming in public/pedestrian areas, lighting and landscaping features. New road surfaces and pedestrian trails will be included. Upgrades to certain utilities and municipal services will be required prior to full implementation of surface infrastructure and landscaping. □	\$400,000	\$0	Ongoing
Recreation	Cobourg, Town of	Kerr St Multi-Purpose Path Construction - Ontario East to Existing Trail	Provide for an extension of the new multi-use path on Kerr Street from the west end of the existing path to connect to Ontario Street.	\$25,000	\$14,999	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Cobourg, Town of	West Beach Boardwalk Construction	Design and construction of a boardwalk along the waterfront in the area known as the West Beach on the shore of Lake Ontario. The West Beach is a naturalized beach and the boardwalk will replace an existing wooden structure that has not stood up to the elements.	\$750,000	\$31,830	Ongoing
Recreation	Cobourg, Town of	Peter Delanty Tennis Courts Resurfacing	An estimated 500 to 1,000 people use the tennis courts at Peter Delanty park over the course of a season. The Town is resurfacing the courts, installing new posts, and replacing lighting with LED fixtures. This will extend the life of the tennis courts.	\$59,346	\$33,829	Complete
Recreation	Collingwood, Town of	Revitalization of Sunset Point Park	The playground is being rebuilt to revitalize the park environment, creating an inclusive and accessible area for active play, and supporting healthy development for children across the community. The playground will also address the 7 Modes of Play that were the subject of our public engagement sessions. The goal is to create a final design that includes a variety of play features, surfacing needs, earthworks to create land forms, accessibility provisions and enhancements, and integrates water.	\$1,500,000	\$267,343	Ongoing
Recreation	Collingwood, Town of	Outdoor Rink Improvements	The Town is building a rink equipment storage building and purchasing an electric ice resurfer that is more cost-efficient to operate and reduces emissions.	\$346,000	\$0	Ongoing
Recreation	Collingwood, Town of	Design and Installation of Crosswalks	The Town is adding crosswalks to trails at road crossings to improve public safety and increase active transportation. This project involved the installation of one crosswalk at Hurontario St (north of Poplar Sideroad) and the design of a crosswalk at Sixth St.	\$97,899	\$97,899	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Cornwall, City of	Lighting Upgrades at Lamoureux Park	The City is upgrading the existing pedestrian light fixtures to new LED technology fixtures as well as extending the pedestrian lighting network along the recreation path network throughout Lamoureux Park. The main objective of this project is to improve public safety in the park by providing better illumination along the recreation paths throughout Lamoureux Park which we hope will encourage more residents to enjoy the park after dusk.	\$375,000	\$2,797	Ongoing
Recreation	Cornwall, City of	Washroom Upgrades at Lamoureux Park	The City is upgrading the public washroom facility in Lamoureux Park such that the facility can remain open to the public year round. Over the course of the pandemic, public facility closures have highlighted the importance of community access to public washrooms. The main objective of this project is to improve the building such that it can remain open to the public throughout the winter months and improve community access to public washrooms in Lamoureux Park.	\$75,000	\$6,716	Ongoing
Recreation	Cornwall, City of	Upgrade of Complex Parking Lot Lighting	The City has replaced the existing overhead lighting at the Cornwall Civic Complex parking lot. The main objective of this project was to replace the existing overhead lighting infrastructure, which had reached the end of its life expectancy, with new LED technology fixtures. The project is also expected to result in energy savings, as the new LED fixtures, will consume far less electricity than the existing high pressure sodium fixtures.	\$111,645	\$111,645	Complete
Recreation	Cornwall, City of	Installation of Play Structure at Benson Ctr	The City is installing a new play structure at the Benson Centre recreation facility. The main objective for the project is to provide local youth a free recreation opportunity at the facility, that can be enjoyed while waiting for their siblings to finish their organized recreation activity at the facility.	\$148,264	\$148,264	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Cornwall, City of	Installation of Two Above Ground Fuel Tanks at Marina	In the spring of 2019, officers for the Federal Department of the Environment issued an order to the City of Cornwall and the Department of Fisheries and Oceans to immediately remove the existing underground fuel storage tanks at Marina 200 from service as they were deemed to not be in compliance with current standards. The new fuel storage tanks are being installed on a new concrete slab.	\$167,275	\$2,306	Complete
Recreation	Dryden, City of	Brine Header Replacement	Leaks in the existing header were identified in the spring of 2021. Patches were made to get the City through the 2020-2021 ice season, but replacement of the brine header was required prior to putting in the ice at the arena for the 2021-2022 ice season.	\$69,969	\$69,969	Complete
Recreation	Dryden, City of	Construction of an Accessible Pool Changeroom	The Dryden Recreation Complex presently lacks a family, special needs, or gender-neutral change/dressing room. This project addresses those needs, removes barriers to participation, and promotes and fosters inclusion for all patrons.	\$47,731	\$17,731	Complete
Recreation	Dryden, City of	Sliding Door Installation in the Arena	The doors from the foyer and into the lobby are original, dated and scheduled for replacement. Replacing these door with a sliding door would make the Arena a no-touch facility (all other doors have been replaced with sliding doors). The sliding doors will complement the recent changes within the facility and continue to show progress to a fully accessible facility.	\$21,444	\$10,722	Complete
Recreation	Dryden, City of	Recreation Centre Air Handler Replacement	The Dryden Pool & Fitness Centre utilizes three air handlers to provide space heating for the various areas of the facility. All three units were original, lacked efficiency, and required increasing maintenance. Two units are therefore being replaced under this project (one unit was replaced in 2020). Once all three units are replaced, we will be able to eliminate the antiquated pneumatic pressure system that controls and operates the existing air handlers.	\$59,995	\$41,616	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Dryden, City of	Recreation Centre Pipe Replacement	This project involves the removal of aging and leaking cast iron drain-waste-vent (DWV) piping in order to ensure the health and safety of staff and patrons of the Recreation Centre.	\$100,000	\$0	Ongoing
Recreation	Edwardsburgh/Cardinal, Township of	Waterfront Parking Lot Upgrade	As part of the waterfront development project, the Township is upgrading the parking lot located at the waterfront. This parking lot is used by residents to access the boat docks and the waterfront park area. The project consisted of removal of the existing asphalt, supply, placement and compaction of Granular A material, and paving with 50 mm asphalt.	\$167,904	\$155,000	Complete
Recreation	Georgian Bluffs, Township of	Reconstruction of the Entranceway to Centennial Park	The entranceway to Centennial Park was deteriorating, posed a risk to all visitors, and was therefore reconstructed. Work involved removal of the existing driveway, reconstruction of the base, and paving the surface with asphalt. □ A gate was also installed to prevent entry during the winter months. The entranceway is very steep, with insufficient space at the top of the hill, making it difficult for exiting vehicles to merge safely onto the road. The park is therefore closed in the winter.	\$59,586	\$59,586	Complete
Recreation	Goderich, Town of	Revitalization of Goderich Recreation Park	Renovation of 2 baseball diamonds and a soccer pitch, construction of a third ball diamond and a skate park. An accessible playground, pavilion, improved green space and picnic areas are also elements of this revitalization project.	\$3,847,710	\$100,000	Complete
Recreation	Guelph, City of	Renewal of Park Facilities	The City is renewing park facilities to improve reliability and meet approved levels of service. Work involves construction of washrooms and a splash pad at Hanlon Creek Park, vestibule renovation and the replacement of overhead doors at 50 Municipal St, stabilization of Goldie Mills ruins, miniature train improvements and washroom renovations at Riverside Park, washroom renovations at Silver Creek Park, and the construction of two new baseball timekeeper buildings at Exhibition Park.	\$1,500,000	\$551,430	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Guelph, City of	Renewal of Tennis Courts in Four Parks	Tennis courts are scheduled to be replaced at the estimated end of service life. Replacements are noted at the point in time where repairs and maintenance alone cannot guarantee the facilities will remain safe for use or consistently open to the public. Replacements are scheduled for St. George Park, Exhibition Park, Dovercliffe Park and Mollison Park.	\$1,695,000	\$142,526	Ongoing
Recreation	Guelph, City of	Recreation Facility Renewal	Renovations at recreation facilities, including upgrades to HVAC systems, installation of upgraded amenities, and improved accessibility. Work involves mechanical and building envelope life-cycle renewal at West End Recreation Center. □ The West End Recreation Centre is one of the City's main recreation facilities, it includes two ice pads, pool, basketball courts as well as meeting rooms. Maintaining it in a good state of repair is critical to ensuring continued access for citizens.	\$9,548,505	\$112,249	Complete
Recreation	Guelph, City of	Playground Structure Replacement	Replacement of play equipment a parks throughout the City. This work includes the design and implementation of new play equipment at following five locations: Burns Drive Park, Grand Road Park, St.George's Park, Suffolk Street Park, and Royal City Park.	\$5,894,100	\$667,523	Complete
Recreation	Guelph, City of	Renewal and Replacement of Recreation Amenities	Replacement of existing tennis courts at various locations in the city. Renovations to four park washroom facilities at Riverside Park, Margaret Greene Park, Silver Creek Park, and Exhibition Park. Replacement of one washroom/splashpad facility at Hanlon Park, stabilization of Goldie Mill ruins and renovations at Hastings Stadium.	\$4,462,100	\$0	Complete
Recreation	Halton Hills, Town of	Acton Arena Flat Roof Replacement	Acton Arena holds two skating rinks, a meeting room and a multi-purpose room. The main building was built in 1997 and a new addition of the McKnight Rink was added in 2015. The building has a total roof area of 7,225 m2. These roof areas are now 23 years old and at the end of their projected life expectancy.	\$240,000	\$70,764	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Halton Hills, Town of	Dominion Gardens Splash Pad Revitalization	The scope of this project includes the removal and replacement of the concrete surface and sub base, as well as repair of the underground piping to the splash pad features at Dominion Gardens Park Splash Pad. Additional shade features will be added during construction to provide patrons protection from the sun.	\$270,000	\$130,935	Ongoing
Recreation	Halton Hills, Town of	MoldMaster's Sports Park Humidifier Replacement	The Alcott and Fernbrook rinks have both been served with a single dehumidification unit. This unit is now at the end of it's useful life-cycle. Efficient de-humidification is required to maintain proper ice and efficiently control the arena environment.	\$200,000	\$12,008	Ongoing
Recreation	Halton Hills, Town of	MoldMaster's Sports Park Stair Railings Refurbishment	Refurbishment of the stairs, accessible ramp and railings at the entrance of Moldmaster's sports park. The concrete has significantly deteriorated and will impact the structural integrity of the railing system.	\$50,000	\$41,005	Complete
Recreation	Halton Hills, Town of	Cedarvale Community Centre Revitalization	The Cedarvale Community Centre serves as a daycare facility for preschool children and has multiple meeting rooms, a gymnasium for sports activities, and storage areas to serve the needs of many local organizations. The main building was built in 1954 and a new addition comprising of the gymnasium was added in 1977. The roof is in need of replacement, as it is over 25 years old.	\$322,000	\$159,961	Ongoing
Recreation	Halton Hills, Town of	Tennis Court Lighting Replacement	The scope of this project includes the replacement of tennis court lighting at Emmerson Park with LED Lighting Systems. <p>□ The tennis lighting system does not provide a safe level of play per IES, OESC and ESA standards for minimum foot-candle levels. The system has far exceeded its normal life expectancy. □ The new systems will provide a safer level of play while also maximizing operational efficiencies.</p>	\$174,786	\$174,786	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Halton Hills, Town of	Sportsfield Lighting Replacement	The scope of this project includes the replacement of sports field lighting at Cedervale Park Soccer Field 2 (circa 1998) and Gellert Diamond #1 (circa 1999) with LED lighting systems. □ The lighting systems have reached the end of their useful life and are not using new energy efficient technologies. The new systems will provide a safer level of play while maximizing energy efficiencies.	\$550,000	\$142,714	Ongoing
Recreation	Hamilton, City of	Expansion of Pier 5 - 7 Boardwalk	New boardwalk extending from Royal Hamilton Yacht Club to Pier 7 (police marine bldg). Work entails landscaping, lighting & site furnishings as identified in the West Harbour Recreation Master Plan.	\$12,644,300	\$340,781	Ongoing
Recreation	Hamilton, City of	Expansion of East Mountain Trail Loop	The 2021-2022 phase of this work will complete the link from Upper Red Hill to Prichard Road and will see work related to Albion Falls and the surrounding trails. This investment has been made in response to the Hamilton Recreational Trails Master Plan.	\$1,821,000	\$256,000	Ongoing
Recreation	Hamilton, City of	Roof Replacement - Westdale Public Library	To complete roof audits, design, and replacement of the roof sections that have reached their normal functional lifespan at the Westdale Public Library.	\$4,613,000	\$117,000	Ongoing
Recreation	Hamilton, City of	Recreation Centre Retrofits	Project to complete renovations and upgrades within the Recreation Centres as well as address accessibility concerns.	\$301,000	\$0	Ongoing
Recreation	Hamilton, City of	Mechanical Infrastructure Life-Cycle Renewal	To rehabilitate mechanical infrastructure to maintain operational integrity on capital projects and operations in aged recreation facilities. 2021 works primarily involve betterments to the HVAC system of the Ancaster Rotary Centre.	\$275,000	\$33,389	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Hamilton, City of	Roof Replacement at Three Arenas	To complete roof audits, design and replacement of the roof sections that have reached their normal functional lifespan. This project involves the replacement and enhancement of the roofing at Carlisle Arena, Beverly Arena, and Lawfield Arena.	\$4,904,000	\$41,284	Ongoing
Recreation	Hamilton, City of	Gage Park Redevelopment - Walkway Lighting & Paving	Gage Park is being redeveloped. Work involves the renewal of infrastructure and material enhancements, as outlined in 2010's Gage Park Master Plan. This project involves the walkway lighting and paving components of the renewal of Gage Park for public usage.	\$3,328,416	\$155,000	Ongoing
Recreation	Hamilton, City of	Improvements to Gatesbury Park	Implementation of the Master Plan for Gatesbury Park to enhance and renew outdoor recreation facilities and sportsfields. Work also involves walkway improvements to enable increased accessibility throughout the park, improve service, and extend lifespan.	\$664,000	\$50,683	Ongoing
Recreation	Hamilton, City of	Roof Replacement - Spring Valley Arena and Ancaster Seniors Achievement Centre	The City removed and replaced the roof of the Spring Valley Arena and Ancaster Seniors Achievement Centre. Roof replacement ensures the continued delivery of recreation services to the local community.	\$639,675	\$0	Complete
Recreation	Hamilton, City of	Construction of Mountain Brow Path	Development of a recreational multi-use trail (approximately 330 m) following the escarpment edge to take advantage of views and provide connectivity between wards. The pathway will include a mixture of facility types with a preference towards accessible off-road paths wide enough for pedestrians and cyclists.	\$991,000	\$50,402	Ongoing
Recreation	Hamilton, City of	Redevelopment and Expansion of Parkdale Outdoor Pool	The pool is not designed to current standards and is experiencing considerable structural and mechanical problems. Development will include brand new change rooms, showers, washrooms, and mechanical space as expansion.	\$3,847,000	\$1,380,996	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Hamilton, City of	Valley Park Community Centre Fit-up	The library is being relocated to a new facility on the site. Fit-ups are required to convert the former library space for recreation programming. Lifecycle replacements are also due at this site and are being conducted. Fit-ups include rejuvenation of aging baseball diamonds and the parking lot, replacing the basketball court with a new multi-purpose court (basketball, ball-hockey, tennis, etc.), creating a walking trail along the park perimeter, and replacing aging equipment.	\$2,544,444	\$133,193	Ongoing
Recreation	Hamilton, City of	Parkdale Arena Upgrade	The City is upgrading equipment and facilities of Parkdale Arena to phase out the use of Freon in accordance with the Montreal Protocol.	\$1,600,000	\$711,333	Ongoing
Recreation	Hamilton, City of	Heritage Green Community Sports Park Implementation	This phase of work involves the creation of a park entrance road and trail to the west of the park. Future phases will involve the construction of additional sports fields to complete the park.	\$1,445,600	\$0	Ongoing
Recreation	Hamilton, City of	Park Pathway Resurfacing	Excavation and resurfacing of park pathways to maintain minimum standards for safe public use and barrier free access.	\$244,900	\$38,362	Ongoing
Recreation	Head, Clara & Maria, United Townships of	Boat Launch Replacement in Mackey and Break Wall Replacement in Stonecliffe	Wake and current created by the wind and boats passing by our dock in Stonecliffe were making it difficult for people to launch their boats. We therefore installed a rock break wall to reduce wake and current. □ Our dock in Mackey was also replaced. The entire dock system was removed (including the old cribbing and rocks). A new boat launch (including a cement pad and runners, cribbing and rocks) was installed.	\$60,215	\$16,083	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Kitchener, City of	Replacement of the Pavillion Roof at Victoria Park	Victoria Park Pavillion is a 1920's heritage building nestled in the gardens and green space of Victoria Park. The large capacity room is used for business events and performances and is a popular venue for weddings. Consistent with the historic architecture, a cedar shingle roof was installed on this facility. Replacement of this roof will help ensure this building is available for community use for another 100 years.	\$521,365	\$485,118	Complete
Recreation	Kitchener, City of	Improvements to Breithaupt Recreation Facilities	Seven Building Condition Assessments were completed in 2018 in support of the Leisure Facilities Master Plan. Assessments revealed that three facilities - Breithaupt, Centreville Chicopee, and Grand River - require significant investment to ensure a State of Good Repair. This project addresses concerns at the Breithaupt facility. Work involves rehabilitation, upgrades and replacements to lighting, plumbing components, elevator modernization, and more.	\$689,513	\$2,748	Ongoing
Recreation	Kitchener, City of	Traynor and Wilson Trail Paving	The City upgraded 1.2 km of granular trail to paved multi-use trail standards. The new trail, which is all-season maintained and accessible to a wide range of users and abilities, connects alongside the iON LRT line, supporting a range of active transportation connections and enhancing the connectivity of the Vanier community to the facilities and amenities of Fairway. Through enhanced connection to Courtland Avenue, access is supported the the City wide trail network.	\$612,373	\$121,622	Complete
Recreation	Kitchener, City of	Improvements to Ensure a State of Good Repair at Centreville Chicopee Recreation Facilities	Seven Building Condition Assessments were completed in 2018 in support of the Leisure Facilities Master Plan. Assessments revealed that three facilities - Breithaupt, Centreville Chicopee, and Grand River - require significant investment to ensure a State of Good Repair. □ This project addresses concerns at the Centreville Chicopee facility. Work involves envelope repairs/replacements, lighting replacement, plumbing component replacements, elevator modernization, and other improvements.	\$216,152	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Kitchener, City of	Upgrades to the Activa and Sportsworld Arenas	Activa and Sportsworld Arenas are both twin-pad facilities used extensively for minor sports programming, adult recreational hockey leagues and sport development programs. State of good repair upgrades to the mechanical and plumbing systems (HVAC, domestic water supply, fixtures) will enhance the capacity of the systems to meet demand and limit disruptions to programs due to breakdowns.	\$212,697	\$62,274	Complete
Recreation	Kitchener, City of	Construction of a Skatepark in Upper Canada Park	Following the 2012 skatepark planning study recommendation to develop a facility in the Doon Pioneer community, a new skatepark is being constructed. The design has been worked on over several years with extensive engagement with the local community. The park will be a 'street skate' facility with a number of skate elements on a concrete pad at grade.	\$555,207	\$57,412	Complete
Recreation	Kitchener, City of	Breithaupt Centre - HVAC Replacement	Breithaupt Community Centre is fully accessible, and one of Kitchener's most popular multi-use recreation facilities. <p>Featuring a 25-yard pool, warm water pool, gymnasium, solarium, snack bar, and several rooms to accommodate events, the centre offers registered, drop-in and 'pay as you play' programs, swimming lessons for all ages, recreational swims, and aquafitness classes.</p> <p>The building requires replacement of the existing conventional boiler with a more energy-efficient system.</p>	\$650,000	\$58,682	Ongoing
Recreation	Kitchener, City of	Roofing Replacements	A number of recreation facilities have roof systems that are nearing the end of their useful lives. This project replaces roof assemblies based on condition assessments completed in 2016. <p>Roofs are being replaced at the Boathouse, Victoria Hills community centre and Doon Valley golf course club house.</p>	\$409,054	\$28,079	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Kitchener, City of	Installation of Park Improvements	This project is for infrastructure improvements to parks, trails and open spaces across all ten wards based on community direction. This includes improvements to the playground in Fenwick Park, the skatepark in Upper Canada Park, the open space in Mike Wagner Green, and Highland Courts Park.	\$547,500	\$0	Ongoing
Recreation	Kitchener, City of	Replacement of Sportsfield Infrastructure	The city is undertaking prioritized infrastructure improvements at 22 ball diamonds and multi-use fields within 13 park locations throughout the city including bleacher replacement and expansion, replacement of goals and netting, fencing replacements (including backstops, safety fencing, players benches and dugouts), and site accessibility improvements (including new concrete and stone dust pavement).	\$1,000,000	\$311,706	Ongoing
Recreation	Kitchener, City of	Replacement of Four Park Bridges	Funding will be used to remove and replace 4 bridge structures in 3 locations. Victoria Park pedestrian bridge will be replaced due to its condition and functionality. Montgomery Creek pedestrian bridge is a strategic replacement to increase service levels to trail users. Lynnvalley Park has two bridges that need to be replaced. One bridge will be removed and consolidated with the replacement of the other to increase service levels to the trail users.	\$650,000	\$514,891	Complete
Recreation	Kitchener, City of	Splash Pad Replacement in Vanier Park	The splash pad at Vanier Park requires replacement due to its age and condition. The park is one of three providing services to a community at need - a dense population with several multi-residential rental buildings. Residents in this area rely heavily on the three parks for recreational opportunities. Many residents additionally lack access to reliable air conditioning; water play and splash pads provide critical relief in periods of summer heat.	\$300,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Kitchener, City of	South Kitchener District Park Development	The South Kitchener District Park (now called the RBJ Schlegel Park) is a 17 ha land parcel that will house a dual artificial turf multi-use sportsfield with lighting, and one unlit cricket pitch. The park will feature community park components such as hard courts (tennis, basketball, multi-use), a central washroom/changeroom, splashpad, playground, pedestrian pathways, shade structures and passive open space.	\$17,147,410	\$0	Ongoing
Recreation	LaSalle, Town of	Construction of the Event Centre at the Petite Côte (Small Coast) Waterfront Experience	An existing dry boat storage structure is being converted into a multi-purpose event centre to host seasonal events such as farmer's markets, art and craft fairs, etc. These multi-purpose spaces, together, form a cultural hub envisioned as a space where social, recreational, commercial and learning opportunities merge. A new event plaza and hardscape area will be developed immediately west of the building to facilitate indoor and outdoor year-round event opportunities.	\$11,500,000	\$2,215,370	Ongoing
Recreation	Markham, City of	Thornlea Pool Restoration	Restoration of the Thornlea pool building to full operations including replacement of Dectron HVAC unit, concrete repairs of the pool ceiling, replacement of the roof, crack repairs throughout, and brick façade replacements.	\$2,307,412	\$29,000	Ongoing
Recreation	Markham, City of	Parks Facility Replacement and Resurfacing	This project is for the replacement of about 370 m of backstop fence and outfield fence at Randal Park, paving of about 3,501.8 sq. m of pathways at Denby Court, Swan Lake, and Austin Drive, installation of a splash pad at Beaupre Park, installation of three goal posts at Ashton Meadows, replacement of perimeter fencing at Highgate Courts and replacement of a playground at Benjamin Park. These facilities collectively serve thousands of residents each year.	\$978,255	\$232,377	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Markham, City of	Community Centre Facility Refurbishment & Replacement	This project is for the replacement of all arena seating in Angus Glen Community Centre (CC), three mechanical units in Centennial CC, two heat exchangers in Cornell CC, two dehumidification units in Markham Village CC, three exterior and 12 interior doors for Unvionville Library, and a mechanical unit in Rouge River CC. Work also involves refurbishing the Heintzman House washroom and repaving approximately 14,750 sq ft of walkway at Angus Glen CC.	\$1,068,810	\$225,537	Ongoing
Recreation	Markham, City of	Milliken Mills Community Centre Lobby Enhancement	This project is for the addition of accessibility improvements, enhanced features and amenities to the main lobby and library areas of Milliken Mills Community Centre. The project involves redesigning the main lobby area, replacing existing flooring, replacing the library entrance with accessible doors, and updating existing washrooms.	\$597,100	\$143,579	Ongoing
Recreation	Mississauga, City of	Renovation at Hazel McCallion Central Library	Hazel McCallion Central Library is undergoing a major renovation to meet the growing needs of our customers and changing business priorities. The renovation will move the library forward as an important part of an urban community that inspires literacy, creativity and lifelong learning.	\$42,628,500	\$0	Ongoing
Recreation	Mississauga, City of	Improvements to Eight Parks in Ward 7	The City is designing and installing or constructing improvements to Avongate Park, Carriage Way, Floradale Park, Gordon Lummis Park, Red Oaks Park, Iroquois Flats, Cooksville Common, and Brickyard Park. Improvements include fitness facilities, chess tables, shaded umbrella picnic tables, cricket batting cages, and a basketball court. These improvements will ensure that residents of all ages can enjoy a casual game, COVID safe seating, and experience outdoor fitness in open park settings.	\$1,063,500	\$30	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Cooksville Community Garden Construction	The Project involves site design, approvals and construction of a Community Garden in the Cooksville Recreational Area. The garden will provide for local residents of all ages to enjoy gathering. The background studies included Equity, Diversity and Inclusion, the outcomes are intended to support efforts in climate mitigation and adaptation, enhance and grow urban agriculture, promote inclusive, culturally relevant, local food initiatives, and increase security to local food production.	\$290,000	\$290,000	Complete
Recreation	Mississauga, City of	Shade Structure Installation at Gooderham Park	The Project involves the design, approvals, supply and installation of a shade structure including design and construction of structural concrete pads to support installation of tensile fabric shade structures. Seating will also be provided to allow for shade protected family or community gatherings and events.	\$55,200	\$34,706	Complete
Recreation	Mississauga, City of	Improvements to Novo Star Park and Construction of the Second Line West Fitness Trail	New playground equipment is being installed at Novo Star Park. The installation will provide families with more facilities and improved play value at the park. □ An 800 m fitness trail is additionally being designed and constructed along Second Line West. The trail is a fitness circuit along a pedestrian/cycling trail and provides outdoor exercise equipment offering a variety of fitness routines, together with line markings for both running and cycling and seating areas for passive recreation.	\$226,000	\$211	Ongoing
Recreation	Mississauga, City of	Improvements to Six Parks in Ward 1	The City is designing and installing or constructing improvements to Shawnmarr Park, Port Credit Secondary School, Dellwood Park, Halliday Memorial Park, and two additional parks in Ward 1. Improvements include fitness facilities, tennis/pickleball courts, multipurpose sports courts, disc golf courses, and shaded umbrella picnic tables. These improvements will ensure that residents of all ages can enjoy a casual game, COVID safe seating, and experience outdoor fitness in open park settings.	\$812,000	\$36,195	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Infrastructure Upgrades at Woodhurst Outdoor Rink	Refrigeration replacement and asphalt paving for ice melt area and replacement of non-operational refrigeration equipment, which will bring equipment up to existing Provincial and Municipal codes for providing public outdoor ice skating. The refurbishment of the refrigeration equipment was required due to the equipment exceeding its life, requiring replacement of major components, further continuing the outdoor skating surface for public use.	\$310,000	\$20,832	Ongoing
Recreation	Mississauga, City of	Improvements to Five Parks and Recreation Facilities	The City is reconstructing a box lacrosse court at Clarkson Park, rehabilitating facilities in Meadow Wood Park, installing a bicycle repair station at Sheridan Creek, replacing a concrete pad at a winter rink in Thornlodge Park, and installing noise barriers at Lorne Park Hall. These improvements provide opportunities to enjoy a casual game and experience outdoor fitness in open park settings. Improvements to Lorne Park Hall additionally reduce the noise heard by adjacent residents.	\$934,000	\$109,199	Ongoing
Recreation	Mississauga, City of	Repaving the Parking Lot at the Streetsville Cadet Centre	The parking lot at the Streetsville Cadet Centre was in disrepair. This paved area is mainly utilized by the Cadets, a community volunteer youth group, for outdoor recreational programming and Cadet drills - but is also used for basketball and other activities. Removal and replacement of the asphalt surface brought the parking lot into a state of good repair to ensure its continued safe use by the community.	\$18,300	\$0	Ongoing
Recreation	Mississauga, City of	Rehabilitation at Streetsville Kinsmen Hall	Streetsville Kinsmen Hall Rehabilitation including masonry façade restoration, window restoration, door replacement and restoration, accessibility ramps and railings replacement, new canopy, regrading, replacement of wall AC unit with rooftop unit, structural foundation repairs, and sloped roof replacement. This work will help preserve the historic structure and envelope of the building, protecting the interior from the elements, and improving the accessibility of the building for the community.	\$200,000	\$4,605	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Expansion of the Hawkins Glen Playground	This project is for the expansion of the existing playground at Hawkins Glen with natural play theme equipment and the addition of a senior climber.	\$60,000	\$27,331	Complete
Recreation	Mississauga, City of	Water Heater Replacement at Erin Meadows Community Centre	This project is for the replacement of two gas-fired domestic hot water heaters serving the community centre and library. Both are at the end of their useful lifetimes and are being replaced with condensing boilers that operate at 96% efficiency. These new water heaters will serve the two facilities for another equipment life cycle.	\$287,100	\$0	Ongoing
Recreation	Mississauga, City of	Upgrade of the Building Automation System at Erin Meadows Community Centre	This project is for the replacement and upgrade of the building automation system (BAS) at Erin Meadows Community Centre. The existing BAS was installed when the building was constructed. Work involves implementing new control sequences of operations, as well as replacing various controllers and control devices (such as sensors, actuators and flow switches).	\$330,000	\$0	Ongoing
Recreation	Mississauga, City of	Installation of Park Benches/Solar Park Benches	Detail design of new bench locations, concrete pads and the installation of solar or standard park benches along key park pathways for full accessibility. Benches are being installed to promote community outdoor activities, rest areas in parks, and assist with healthy lifestyles and well-being. Solar benches are being installed at four park locations. Park benches are being installed at 12 park locations.	\$168,000	\$432	Ongoing
Recreation	Mississauga, City of	Playground Swing Installations at Promenade Meadows Park	Supply and installation of additional swing frame and swings at the exiting playground site to provide more facilities at the park for the community.	\$16,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Installation of Water Bottle Filling Stations in Three Local Parks	Supply and installation of water bottle filling stations at existing park washroom buildings in Westacres Park, Lake Aquitaine Park, and Meadowvale Sports Park. Connections are being made to the exiting mechanical infrastructure and attached to the exterior of the building. Stations will be open for public use throughout the spring, summer, and fall months and will help the City achieve its objective of reducing plastic water bottle waste and improve services delivered to residents.	\$90,000	\$64,817	Ongoing
Recreation	Mississauga, City of	Construction of a Multi-Purpose Court	Construction of a combined Basketball/Pickleball/Ball Hockey - Multi-Purpose Court at West Credit Secondary School. This facility will provide an outdoor multi-use recreational court within the Meadowvale Neighborhood District in Recreational Area 1 that otherwise wouldn't be available for residents. This also satisfies Recommendation 41 of the CMS Future Directions Master Plan, increasing the provision levels within the planning district.	\$100,000	\$100,000	Complete
Recreation	Mississauga, City of	Bicycle Rack Installation at Three Recreation Facilities	The project involved the manufacture, supply and installation of custom bike racks at three park locations in the Malton community (near the Malton Library, Paul Coffey Malton Arena, and Malton Victory Hall). The provision of these facilities satisfies objectives within the Northeast Recreational Planning District 3 related to recommendations for bicycle parking at key Malton recreational destinations as identified in the 2019 Cycling Master Plan Update.	\$50,000	\$50,000	Complete
Recreation	Mississauga, City of	Floor Replacement at Vic Johnston Community Centre	The rubber floor in the arena at Vic Johnston Community Centre is being replaced to improve patron accessibility and safety.	\$89,345	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Water Line Extension - Meadow Green	Extension of a water line within a park by 439 feet to provide water access for a community garden to help increase food security, promote local community, and allow our partner group, Ecosource, to program the space and educate the community. The extension of the water line will ensure the ongoing success of the De-pave Paradise project, allow for programming around community gardens, and provide other opportunities for recreational activities at the park.	\$10,100	\$0	Complete
Recreation	Mississauga, City of	Design and Installation of Park Trail Lighting at Old Ridge Park	This project involves the design and construction of additional LED park trail lighting to meet park trail lighting standards and provide safe community pedestrian travel route.	\$50,000	\$0	Complete
Recreation	Mississauga, City of	Design and Construction of Streetsville Village Hall Pollinator Garden Stairs	This project involves the design and construction of concrete stairs to provide public access to the Streetsville Pollinator Garden at Streersville Village Hall.	\$28,000	\$28,000	Complete
Recreation	Mississauga, City of	Design and Construction of New Pool, Fitness Centre and Multipurpose Community Rooms	Project objective is to improve existing infrastructure and programming with the design and construction of a 43,000 sf addition that incl. a 25m 6-lane pool, equipment based fitness centre and studio, community rooms and ancillary spaces. Scope also incl. renovating approx.65,000sf of existing building to upgrade finishes, and mechanical and electrical equipment to new energy efficiency standards. The project will also prepare the building for the future installation of photovoltaics.	\$33,100,000	\$86,567	Ongoing
Recreation	Mississauga, City of	Installatiion of Fitness Equipment at Various Parks	The project involves detailed design, safety surfacing and the installation of fitness equipment clusters and fitness benches along key park pathways for full accessibility. The project includes safety surfacing with approved engineered wood fibre. Fitness clusters and benches programs are to be installed to promote community outdoor fitness and support healthy lifestyles and well being.	\$330,000	\$1,006	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Design and Installation of Shade Structures at Various Parks	This project involves the design and construction of structural concrete pads to support installation of tensile fabric shade structures. Seating will also be provided to allow for shade protected family or community events and gatherings.	\$330,000	\$163,585	Complete
Recreation	Mississauga, City of	Design and Reconstruction of Parking Lots at Cordingley Park and Forest Park	This project involves the design and reconstruction of granular parking lots at Cordingley Park and Forest Park. The Project includes adding asphalt paving, line work and parking curbs at these community parks to provide improved service and control for park users.	\$188,000	\$41,360	Ongoing
Recreation	Mississauga, City of	Install New Parking on Northwest Playground of the Streetsville Cadet Centre and New Fence	The project will construct a parking lot on a site that is currently a field. The parking lot will include a minimum of 28 parking spaces and will increase the capacity of parking for the Streetsville Cadet Centre, a City of Mississauga Facility. Project includes: grading, paving, curbs, drainage, lighting, painting, fencing and lighting.	\$247,500	\$30,847	Complete
Recreation	Mississauga, City of	Park Improvements at Jon Clipperton Park and Streetsville Memorial Park	The supply and installation of a shade picnic table at Jon Clipperton Park, located in the centre of Streetsville district Ward 11 and the design and installation of wayfinding signage at Streetsville Memorial park provides upgraded park amenities in two parks that serve the residents of the ward, and businesses of the Streetsville community.	\$28,000	\$0	Complete
Recreation	Mississauga, City of	Design and Construction of Two Community Spray Pads and a Container Washroom at Various Locations	This project involves the design and construction of two spray pads and surrounding landscape renovations at two community parks (namely Lisgar Green Park and Jim Murray Community Park) and the supply and installation of a modular container washroom at Tobias Mason Park to provide service for high volume of park users.	\$1,513,000	\$662,282	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Replacement of the Hydronic Convactor Heating System at Paul Coffey Malton Arena	Replacement of the hydronic convactor heating system involves replacement of the boiler, change room unit heaters and convectors on the first and second floor mezzanine level. The boiler will be replaced with a more energy efficient unit. The change rooms will have working unit heaters that will increase the comfort level of those using the facility.	\$270,000	\$35,624	Complete
Recreation	Mississauga, City of	Mechanical System Upgrades and Roof Renewal at Frank McKechnie Community Centre	The project consists of completing various upgrades to mechanical equipment servicing the pool (e.g., pumps, heat exchangers, and hot water tank). The project also includes renewal/replacement of the building's roof.	\$1,355,900	\$0	Complete
Recreation	Mississauga, City of	Replacement of the Roof and Walls at Tomken Twin Arena	This project involves the replacement of the roof and walls as there are signs of water/air infiltration within the building envelope. This will improve the performance of the roof and wall assembly which will help reduce heat loss inside the building.	\$126,254	\$0	Complete
Recreation	Mississauga, City of	Replacement of Pool Infiltration Equipment at River Grove Community Centre	Lifecycle replacement of pool filtration equipment including associated piping, valves, filter tanks and sand replacement for the hot tub and main pool.	\$254,500	\$0	Ongoing
Recreation	Mississauga, City of	Renewal of Mechanical Systems at the SportZone	Complete design, coordination, and construction work for the sanitary and storm sump pumps at the Sportsplex.	\$131,700	\$2,520	Ongoing
Recreation	Mississauga, City of	Replacement of Various Existing Rooftop Equipment and Portion of Existing Roof at Malton CC	Replacement of rooftop HVAC units (2, 3, 4, 6, 7, 8, 10 and MA-RTU 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, and 11) at Malton Community Centre.	\$2,051,100	\$3,652	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Ice Rink Pad, Swimming Pool and Mechanical Systems Renewals at Clarkson Community Centre	Replacement of RTU-7 and RTU-8, the concrete floor, vapour barrier, insulation, cold floor header stands, underfloor headers, rink piping and brine charge, brine pump and starter and brine charge, backer and dasher boards, brine header piping, 2-15 hp and 2-20 hp pumps and motors (with larger size impellers and 1800 rpm), existing secondary refrigerant (brine) pumps (with variable frequency drives), and ice plant sequence modifications.	\$2,030,400	\$0	Complete
Recreation	Mississauga, City of	Mechanical Systems and Control Renewals at Iceland Arena	Installation of a new hot water supply line for ice resurfacing equipment, replacement of heating boilers circulation pumps, existing ice plant glycol pumps (with a newer model compatible with BAS), building heat pumps fluid cooler (with a similar single fluid cooler), ice rinks refrigeration system cooling tower (with a similar single cooling tower), installation of new refrigeration BAS controls c/w new VFDs and sequence of operations for glycol pumps and cooling tower.	\$1,198,132	\$1,655	Complete
Recreation	Mississauga, City of	Replacement of Air Handling Units at Erin Meadows Community Centre	<p>Replacement and upgrade of two existing and ageing Air Handling Units (AHUs) that serve the pool areas of the Erin Meadows Community Centre.□</p> <p>□ Project activities include retaining an Engineering Professional to produce the design and construction documents and then procuring a General/Mechanical contractor to provide the required construction services.□</p> <p>□ The expected outcome will be new AHUs that will be more reliable in serving the community centre.</p>	\$1,466,000	\$226,933	Ongoing
Recreation	Mississauga, City of	Rink Pad and Boards Replacement, Building and Accessibility Improvements at Erin Mills Twin Arena	This is an infrastructure lifecycle replacement project. Work involves replacement of the ageing concrete flooring, in-floor refrigeration piping loops, and dasher boards for two ice rinks, and building and accessibility improvements (i.e., replacement of arena entrance doors and 2nd floor viewing glass).	\$3,423,200	\$807,151	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Design and construct Northwest Sports Park	Design and construct infrastructure and facilities for destination sports park in Churchill Meadows (Phase 1).	\$14,416,046	\$0	Ongoing
Recreation	Mississauga, City of	Design and Construction of Indoor Recreation Space at Churchill Meadows	Design and construction of the North West Community Centre building (Churchill Meadows Community Centre).	\$18,669,158	\$8,585	Ongoing
Recreation	Mississauga, City of	Renewal of Mechanical Units at Six Arenas and Community Centres	This project involves the replacement of existing heat pumps with roof top units at River Grove Community Centre, Paul Coffey Arena, Iceland Arena, Meadowvale Four Rinks, Tomken Arena, and Erin Meadows Community Centre and Library as well as refrigeration retrofit at Erin Mills Twin Arena. The replacements improve service maintenance access, operating efficiency and temperature control, and result in energy cost savings.	\$3,322,726	\$0	Complete
Recreation	Mississauga, City of	Roof Replacements on Three Club Houses and Community Centre with Swimming Pool	Roof replacements at two club houses - BraeBen and Woodhurst Heights - and River Grove Community Centre and Swimming Pool.	\$765,277	\$0	Complete
Recreation	Mississauga, City of	Elevator Renewals at Five Community Centres and Arena	Critical elevator replacements due to asset deterioration and to meet accessibility requirements at Burnhamthorpe Community Centre, Clarke Memorial Hall, Clarkson Community Centre, Huron Community Centre and Erin Mills Twin Arena.	\$2,680,000	\$193,795	Complete
Recreation	Mississauga, City of	Design and Reconstruction of Sports Fields and Playgrounds	This project involves reconstruction of the Fallingbrook Community Park soccer field, reconstruction of the artificial turf soccer field fencing at Huron Park, reconstruction of the asphalt playing surface at tennis courts in Deer Wood Park, Westacres Park and Bruce Reynolds Park, and replacement of the playground equipment and landscaping at Mississauga Valley Community Centre.	\$1,507,093	\$73,728	Ongoing
Recreation	Mississauga, City of	Full Multi-Use Trail and Pathway Reconstruction in Seven Parks	This project involves the full reconstruction of 3,600 m of multi-use trails and pathways in Middlebury Green, Lisgar Meadow Brook, Riverrun Park, Marco Muzzo Senior Memorial Woods, and Glen Erin Trail, as well as reconstruction of the Port Credit Waterfront Trail.	\$355,955	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Mississauga, City of	Replacements and Improvements at Streetsville Memorial Park, Clarkson Community Centre, etc.	Replacement and Improvements at Parks and Community Centres: Emergency Shelters at Grove CC, Clarkson CC and Malton CC, Roof Replacements at Vic Johnson Arena, Clarkson CC. Replacement of core infrastructure/ facilities essential to park operations that have reached the end of their lifecycle including: Playground redevelopment; Tennis Court Reconstruction; and Park facility rehabilitation.□ Credit Meadows Park Expansion-includes multi-use trails, park trails, playground, entrance improvements.	\$21,497,927	\$297,010	Ongoing
Recreation	Niagara Falls, City of	Construction of Millennium Trail - Section 5	Construction of the Millennium Trail Section 5 along the north side of the OPG Corridor between Dorchester and Drummond Roads. Work involves an asphalt pedestrian / cycle track with connections to Section 6 and Section 1, as well as fencing.	\$2,492,000	\$0	Ongoing
Recreation	North Frontenac, Township of	Rehabilitation of Snow Road Community Hall Foundation	The project involves repairs to the existing foundation which is field stone rubble masonry construction. The mortar has significantly deteriorated allowing some of the field stone to come loose; therefore the project will involve installing a minimum 2 inch thick layer of fluid applied concrete "shotcrete" with a minimum compressive strength of 15MPa to exposed surfaces of the stone foundations on the interior of the building. The concrete will infill masonry joints and bond the stone.	\$40,612	\$39,910	Complete
Recreation	North Stormont, Township of	Crysler Community Centre - Asphalt Paving	Asphalt paving of the parking lot in front of Chrysler Community Centre. Work included the provision of an accessible entrance to the community centre from the parking lot and improved the drainage of the parking lot.	\$22,935	\$22,935	Complete
Recreation	Oil Springs, Village of	Upgrades to the Youth Centre	Upgrades include the installation of new ceiling tiles and new wiring for Wi-Fi access points to help with projection and sound systems. These improvements will allow this space to be used for more purposes in the future - like educational activities, training sessions, and council meetings. Upgrades will also allow people renting the facility for weddings to securely and easily project videos and play music by plugging into wall ports.	\$19,757	\$19,478	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Oshawa, City of	Replacement of Rink Dehumidification Units at Donevan Recreation Complex	To replace the existing platforms and dectron units in the arena at Donevan Recreation Complex. The existing units are aged and having a negative impact on operational efficiency needing frequent maintenance. The existing platforms which hold the dectron units currently pose a safety hazard to perform any maintenance on the system and need to be replaced at the same time as the units.	\$250,000	\$133,468	Ongoing
Recreation	Oshawa, City of	Fenelon/Venus Park Redevelopment	To replace playground equipment and safety surfacing and site furnishings, upgrade playground path to meet Accessibility for Ontarians with Disabilities Act (A.O.D.A.) compliance, and to add tree plantings and naturalization areas in Fenelon/Venus Park.	\$250,000	\$12,379	Ongoing
Recreation	Oshawa, City of	Cordova Valley Park Redevelopment	To replace playground safety surfacing, site furnishings and existing parking lots, upgrade the recreational trail to meet Accessibility for Ontarians with Disabilities Act (A.O.D.A.) compliance, and to add an off-leash area, tree plantings and naturalization areas in Cordova Park. A minor splash pad is also being constructed.	\$1,013,147	\$59,588	Ongoing
Recreation	Oshawa, City of	Pinecrest Park Redevelopment	To replace playground equipment, safety surfacing and site furnishings, upgrade playground paths to meet Accessibility for Ontarians with Disabilities Act (AODA) requirements, and to add trees and naturalization areas in Pinecrest Park. A minor splash pad is also being constructed.	\$507,636	\$39,656	Ongoing
Recreation	Owen Sound, City of	Mile Drive Trail Resurfacing	Mile Drive Trail is a popular and heavily used link within Harrison Park for walking, fitness and leisure. In accordance with the City's Recreation Trails Master Plan and the Multi-Year Accessibility Plan, the City is resurfacing 550 m of this trail with asphalt to improve accessibility, reduce ongoing maintenance and improve year round access for park visitors and persons using the trail as a link to access other parts of the City's trail network.	\$137,261	\$137,261	Complete
Recreation	Perth, Town of	Construction of a New Outdoor Skating Rink	The Town of Perth is constructing a new outdoor rink. The rink consists of a concrete pad, walls, roof, and warming hut. Work is also supported by many local donations.	\$70,562	\$49,282	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Perth, Town of	Replacement of the Indoor Pool's Outer Walls	Outdoor walls of our Indoor Pool have experienced significant deterioration and need to be replaced for the operation of the pool to continue. Both cladding and insulation are being replaced.	\$188,321	\$30,318	Ongoing
Recreation	Peterborough, City of	Evinrude Centre Roof and HVAC Replacement	The flat roofs, sloped metal roofs and rooftop HVAC equipment at the Evinrude Centre have exceeded their life span and need to be replaced. The project at the Evinrude Centre was designed in 3 phases. Phase 1 is for the replacement of all flat roofs and rooftop HVAC equipment (2020). Phase 2 is for the replacement of the North Pad sloped roof (2021) and Phase 3 is for the replacement of the South Pad sloped roof (2022).	\$3,400,000	\$716,610	Ongoing
Recreation	Pickering, City of	Lighting Revitalization at Chestnut Hill Developments Recreation Centre	Work involves the replacement of lighting in mechanical rooms and the revitalization of lighting in tennis courts. Remaining T12 fixtures in mechanical rooms throughout the Chestnut Hill Developments Recreation Centre (CHDRC) is being replaced with high efficiency LED lighting. Tennis court lighting revitalization involves selective replacement or installation of supplementary lighting at the indoor tennis courts.	\$162,000	\$5,522	Ongoing
Recreation	Pickering, City of	Don Beer Arena - Rink 3 Refrigeration Plant Upgrades	Design and construction costs for required lifecycle replacements and upgrades to the Rink 3 refrigeration plant. The plant was originally installed in 2002, and major components are at end of life. Includes related upgrades for regulatory compliance.	\$240,000	\$127,409	Complete
Recreation	Pickering, City of	Civic Complex, Brougham and Claremont Community Centres Rehabilitation and Retrofits	Retrofit of equipment at the Civic Complex, Brougham Hall, and Claremont Community Centre. Work at the Civic Complex involves replacement of the supply and return fans serving the main lobby area on both floors and backup boilers. Retrofits at Brougham Hall and the Claremont Community Centre involve light fixture replacements. □	\$540,000	\$36,074	Ongoing
Recreation	Port Colborne, City of	Resurfacing a Multi-Use Trail to Dain City	Multiple sections of deteriorated asphalt across 2,050 m of trail were resurfaced.	\$283,010	\$55,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Port Colborne, City of	Sidewalk Construction on Clarence Street	Approximately 485 m of sidewalk were constructed on Clarence Street.	\$120,060	\$120,060	Complete
Recreation	Red Rock, Township of	Recreation Centre Rehabilitation	Rehabilitation of core facility infrastructure at our Recreation Centre in order maintain and provide a high quality of life for our area and community residents. Work is expected to improve energy efficiency, prevent asset failures, reduce life cycle costs, improve accessibility and address public safety concerns.	\$2,032,470	\$0	Ongoing
Recreation	Richmond Hill, City of	Rouge Woods Community Centre - Mechanical & Electrical Improvements	Work includes the replacement of nine (9) existing roof top units, the main BAS control panel, and other mechanical and electrical system equipment. The renewal of infrastructure will result in increase energy savings and improve service delivery to current and future customers.	\$1,415,000	\$2,541	Ongoing
Recreation	Richmond Hill, City of	Richmond Green - HVAC Replacement	This project is for the replacement of the existing HVAC unit serving the Poultry Building and Sports Centre. The objective is to achieve energy savings and improve heating and fresh air delivery to maintain the indoor environment.	\$170,000	\$16,932	Ongoing
Recreation	Richmond Hill, City of	Elgin West Community Centre - Roof Replacement	The roof is being replaced to correct current issues (i.e., leaks) and to mitigate new leaks that might occur in the future - and therefore protect the interior space from water damage. Guardrails, roof anchors, travel restraints, and related equipment is also being implemented as part of the roof replacement. The replacement will improve service delivery to current and future customers (e.g., the public, residential and commercial customers).	\$2,200,000	\$880,073	Ongoing
Recreation	Richmond Hill, City of	McConaghy Centre - Mechanical-Electrical-Roof Replacement	This project is for the replacement of four air handling units, several exhaust fans and a section of the roof, all of which are past their useful service life. Replacement of the aged equipment will improve the indoor air quality within the facility.□	\$1,100,000	\$60,328	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Richmond Hill, City of	Tom Graham Arena - Roof Replacement	A Building Science Consultant recommended - and the City moved forward with - a full roof replacement at Tom Graham Arena.	\$720,000	\$64,496	Ongoing
Recreation	Richmond Hill, City of	Elgin Barrows Arena - HVAC System Improvements	This project is for the engineering design and replacement of three rooftop air handling units, the dehumidification unit serving both ice rinks and recertification of a few existing code violations, which were identified in a building assessment completed this year. Additionally included in this project is a review of the possibility of making provisions for the HVAC system to allow the east pad to operate all year round.	\$1,460,000	\$1,209,641	Ongoing
Recreation	Richmond Hill, City of	Elgin West Community Centre - HVAC Replacement	This project is for the engineering design and replacement of nine rooftop air handling units, the primary heating pumps, and sump pumps, all of which were identified in a building assessment completed in December 2018, as being past their useful service life.	\$1,865,000	\$1,327,024	Ongoing
Recreation	Richmond Hill, City of	Richvale Community Center Roof/Mechanical Replacement	The building has been experiencing roof failures over the past years and roof repairs have been ongoing. The different roof assemblies are similar in age and have reached their life and performance expectancy. The objective is to replace all the roof assemblies identified in the design documents and during the roof replacement project, replace the older roof top mechanical units with more energy efficient units.	\$1,600,000	\$2,916	Complete
Recreation	Richmond Hill, City of	Renovation of Rouge Woods Community Centre to add a Multi-Purpose Gymnasium	Renovation of Rouge Woods Community Centre to convert under utilized space into a multi-purpose gymnasium.	\$1,052,000	\$0	Complete
Recreation	Richmond Hill, City of	Ed Sackfield Arena Twinning	An ice pad is being added in Richmond Hill, providing better options to be active and involved.	\$28,840,525	\$19,113	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Russell, Township of	Restoration of Embrun Arena Hall	Embrun, being a small rural community facing population growth due to migration from cities to rural areas, needs a hall accommodating different community activities in the area. We are therefore renovating Embrun Arena Hall by removing drywall in the ceiling, replacing insulation, replacing drywall, and painting. Some flooring may be replaced where needed. This work will ensure that this mid-size hall remains a good option for community gatherings.	\$50,000	\$3,908	Ongoing
Recreation	Russell, Township of	Improvements to Marionville Community Centre	The Township is paving the parking lot at Marionville Community Center. Work involves removing existing asphalt, adding 2-3 inches of granular, and repaving the entire parking lot area. The community centre is a vital local resource, with two halls available for association meetings, birthday parties, conferences, and other programming. Paving the parking lot is critical to ensure the continued accessibility of the facility.	\$47,987	\$43,026	Complete
Recreation	Russell, Township of	Drainage Improvements at Russell Arena	Gutter guards are being added to the entire north side of the Russell Arena and are being attached to the storm drain. To ensure the adequate flow of water, the storm drain along the north side of the building is also being lowered; asphalt is being removed and replaced with the appropriate slope to ensure proper flow. These investments are critical to protect the arena and to ensure that it can continue to provide recreational opportunities to local residents.	\$30,000	\$11,680	Ongoing
Recreation	Sault Ste. Marie, City of	Construction of Community Recreational Space in Downtown Sault Ste. Marie	The scope of the project is to develop a downtown plaza in an effort to revitalize the downtown, provide a space for community events/activity downtown year round and to created an overall gathering place for the community and tourists to enjoy. The plaza will include a splash pad, an outdoor skating rink, a Pavilion and stage, public art, play areas, benches, tables & chairs and several trees and flower beds with appropriate lighting to allow for evening use as well.	\$6,600,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Sault Ste. Marie, City of	Bellevue Marina-D-Dock and Gate Lock Replacement	The scope of this project involves the full replacement of the D-Dock at Bellevue Marina. The fingers on D-Dock are foam bats and were heavily saturated and their replacement as is, was not possible. D dock reached the end of it's useful life and repairs from our marine contractor were no longer sufficient to ensure proper flotation and rigidity of the dock and fingers.	\$394,000	\$14,038	Ongoing
Recreation	Thames Centre, Municipality of	Installation of Pathway Lighting in Dorchester Park	Installation of approximately 750 m of trail pathway lighting in Dorchester Park, promoting community development, physical activity, alternative transportation routes, safety, and tourism. □ □ The park is located in the centre of our community. Pathways allow pedestrians to directly access schools, retail stores, healthcare facilities, and sports and leisure activities. The addition of lighting ensures that pathways remain a safe option at dawn and dusk, allowing people to safely travel by foot.	\$94,350	\$29,679	Complete
Recreation	The North Shore, Township of	Causeway Boat Launch Ground Leveling	The Township purchased Granular "M" 16 mm material and used it to level out the Causeway Boat Launch ground area. The water from Lake Huron had damaged the area and made it very bumpy, presenting a safety concern for residents who needed to drive there to launch their boats.	\$898	\$898	Complete
Recreation	Thunder Bay, City of	Vickers Park Playground Renewal	An accessible and inclusive playground hub is being created in the south side of the City. Public engagement informed us of the types of play components that are desired and we are working with the Accessibility Advisory Committee to finalize this. The playground safety surface will poured in place rubber surface and connected to the municipal sidewalk system via new concrete walkways. Site amenities (accessible benches, seating, and shade structures) are being installed in a new gathering area.	\$823,400	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Thunder Bay, City of	Upgrades to Six Soccer Fields	This project involves the improvement of six soccer fields. Work will renew assets which are available to citizens for recreational sport opportunities. A secondary benefit is improving the ability of the City to support events that attract tourists.	\$30,000	\$22,982	Ongoing
Recreation	Thunder Bay, City of	Sport Facility Upgrades to Baseball Diamonds, Tennis Courts, Soccer Fields and Bleacher Seats	Projects include improvements to soccer fields, baseball facilities and tennis courts as well as bleachers and benches for viewing. Improvements include scoreboards, dugouts, outdoor rinks, bleachers, benches and fencing. Work will renew assets which are available to citizens for recreational sport opportunities. A secondary benefit is improving the ability of the city to support events which attract tourists.	\$145,000	\$0	Ongoing
Recreation	Thunder Bay, City of	Centennial Park Adventure Playground Renewal and Smaller Park Renewals	Centennial Park Adventure Playground Renewal including design, landscaping, drainage, surfacing, play components, seating and shade structure. The purpose is to enhance and renew infrastructure to improve usage levels and encourage active citizens. Smaller parks are also being improved with enhancements to surfaces and playground equipment such as basketball nets, lighting and concrete rehabilitation.	\$846,080	\$7,382	Ongoing
Recreation	Thunder Bay, City of	Improvements to Baseball Diamonds, Tennis Courts, Soccer Fields, and Bleacher Seats	Projects include improvements to soccer fields, baseball facilities and tennis courts as well as bleachers and benches for viewing. Improvements include scoreboards, dugouts, outdoor rinks, bleachers, benches and fencing. Work will renew assets which are available to citizens for recreational sport opportunities. A secondary benefit is improving the ability of the city to support events which attract tourists.	\$147,900	\$0	Complete
Recreation	Thunder Bay, City of	Improvements to Playgrounds and Park Greenspace	This project involves enhancements to surfaces and playground equipment in 10 park locations throughout the City. The purpose is to enhance and renew infrastructure to improve usage levels and encourage active citizens. Examples of improvements are installing basketball nets, lighting and concrete repairs.	\$200,000	\$147,960	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Thunder Bay, City of	Park Improvements at Various Locations	This project involves enhancements to surfaces and playground equipment in various parks. The purpose is to enhance and renew infrastructure to improve usage levels and encourage active citizens.	\$547,606	\$0	Complete
Recreation	Thunder Bay, City of	Community Centre Facility Upgrades	Upgrading two washrooms to be fully accessible, as well as constructing one additional fully accessible washroom. Also involved are HVAC replacement and/or upgrade, installation of energy-efficient lighting, and the upgrade of a kitchenette area.	\$355,360	\$0	Complete
Recreation	Thunder Bay, City of	Construction of Splash Pad at North End Rec Centre	Build a Splash Pad at the North End Rec Centre recreation hub.	\$397,753	\$0	Complete
Recreation	Vaughan, City of	Playground Replacement and Improvement at Four Parks	The City is replacing play equipment and safety surfacing - and completing associated works - to meet current Canadian Safety Association guidelines. Play equipment is being replaced at Oakhurst Park, Reeves Park, Wade Gate Park, and Kiloran Park.	\$2,110,282	\$392,043	Ongoing
Recreation	Vaughan, City of	Glen Shields Park Redevelopment	Glen Shields Park is being redeveloped into an accessible public park and community hub with well-balanced passive and active facilities that will respect and enhance its valued natural assets and serve the community's needs. The redevelopment will address current grading, planting, maintenance and functional issues while improving the overall user experience and character of the park.	\$1,800,000	\$70,746	Ongoing
Recreation	Vaughan, City of	Maple Library and Community Centre Renovation	Maple Community Centre has been in operation since 1974/1994 (extension) and is in need of modernization. The City is therefore assessing the condition of the facility, gathering stakeholder and public input regarding services and functionality, and renovating the office and library.	\$6,272,037	\$1,099,852	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Vaughan, City of	Replacement and Upgrade of Pathways at Various Community Centres	The City is replacing and upgrading concrete pathways at Vellore Village Community Centre, North Thornhill Community Centre, and Dufferin Clark Community Centre. Work involves additional excavation and backfilling with granular. Existing pathways are cracking, creating safety and accessibility concerns. Replacement and upgrade of the various deteriorated pathways are required to ensure their continued safety and accessibility to the community.	\$209,626	\$17,172	Ongoing
Recreation	Vaughan, City of	Playground Surfacing Replacement at Locations Across the City	Project scope of work involves replacement of playground equipment and safety surfacing to meet current Canadian Safety Association standards (CAN/CSA-Z614-07 R2012) at various locations (including Ramsey Armitage Park, West Cross Road Park, Sherwood Parkette, Wade Gate Park, Dufferin District Park, Aberdeen Parkette, Rosedale North Park and two additional sites for shade shelters).	\$433,076	\$200	Ongoing
Recreation	Vaughan, City of	Garnet A. Williams Community Centre Renovation	Modernization of the aging facility including work to ensure a state of good repair, equipment replacement, and sustainability/Building Code improvements (e.g., accessibility, energy efficiency).	\$5,770,000	\$288,492	Ongoing
Recreation	Vaughan, City of	Renewal of Parking Lots at Community Centres and Recreation Facilities	The project scope involves replacement of existing asphalt in parking lots at various community centres and sports facilities across the City (such as Maple Community Centre, Father Ermanno Bulfon Community Centre, Ontario Soccer Centre and Rosemount Community Centre).	\$750,000	\$0	Ongoing
Recreation	Vaughan, City of	Oakbank Pond Park Boardwalk Reconstruction & Walkway Rehabilitation in Multiple Parks	Replacement of deteriorating boardwalk including new railing, grading, site furnishing and associated works. Rehabilitation of walkways that have cracked or heaved representing a significant hazard to park users in several Parks.	\$2,680,642	\$808,366	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Wasaga Beach, Town of	Construction of a New Community Hub Twin Pad Arena and Library	Construction of a 117,000 square foot multi-purpose facility, with a twin pad arena and library as the core uses. The current single pad arena is at the end of its life cycle and the current library is under 5,000 sq ft, well below required capacity.	\$51,086,495	\$0	Ongoing
Recreation	Waterloo, City of	Assessment and Replacement of Recreation Facility Roofing	The City is assessing and replacing roof membranes in multiple recreational facilities that were at their end of service life.	\$859,000	\$265,000	Ongoing
Recreation	Waterloo, City of	Waterloo Park Improvements - North Shore Silver Lake	Park upgrades to the north shore of Silver Lake including a new central fountain feature and associated infrastructure, fully accessible public gathering "beach space", updated electrical infrastructure and new lighting, new trails, upgraded parking lot and various landscape and planting features.	\$5,789,000	\$1,150,000	Ongoing
Recreation	Waterloo, City of	Expansion of Waterloo Memorial Recreation Complex	This project represents the expansion of the Waterloo Memorial Recreation Complex ("WMRC"), one of the City of Waterloo's recreational facilities. The project scope includes a new two-storey community pavilion on the west side of the property (28,000 sq. ft), civic front addition to the existing WMRC facility (additional 16,000 sq. ft), a fitness core, aquatic change room renovations, food service upgrades, site works, and other retrofit work for the existing WMRC facility.	\$32,016,844	\$0	Ongoing
Recreation	Wawa, Municipality of	Michipicoten Community Centre Suction Header Replacement	This project will replace the suction header piping for the refrigeration system which is required to install and maintain the arena hockey ice and curling rick ice. □ The older piping was in poor condition and at risk of failing, so replacing it now helps ensure that there will be no interruption in the winter recreation activities at the community centre.	\$32,295	\$32,295	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Wellesley, Township of	Re-Paving Linwood Community Centre Parking Lot	The Linwood Community Centre hosts many functions each year including softball games and tournaments, picnics, weddings and many other community events. The parking lot was failing and had a significant number of cracks, creating safety concerns. Resurfacing the parking lot ensures that everyone that uses this Community Centre can access it in a safe manner.	\$183,000	\$182,728	Complete
Recreation	Wellesley, Township of	Design and Construction of New Arena	This project is for a new arena from design to construction. This will entail designing a new regulation sized rink surface (for both ice and floor sports), seating for spectators, dressing rooms, meeting rooms for public use, walking track, a gym plus other recreational and sport uses. This site will potentially be the future home of the fall fair and the Apple Butter and Cheese Festival, both of which draw tourists from far and wide.	\$12,000,000	\$0	Ongoing
Recreation	Whitby, Town of	Rotary Centennial Park Walkway Lighting	This project involves the removal and replacement of existing pedestrian walkway lighting. The existing lights were old, past their serviceable life, and needed replacement. The lights are being replaced with higher efficiency LED lights - helping local residents safely navigate the walkway when it is dark out.	\$135,700	\$41,140	Ongoing
Recreation	Whitby, Town of	Iroquois Park Baseball Diamond (1 & 3) and Soccer Lighting	This project involves the replacement of the existing field lighting on two baseball fields and one soccer field at Iroquois Sports Park. The existing lights were old, past their serviceable life, and needed replacement. The lights are being replaced with higher efficiency LED lights - ensuring the the community can continue to enjoy the fields as darkness falls.	\$897,000	\$62,059	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Whitewater Region, Township of	Westmeath Arena Septic Tank Replacement	In late November of 2019, the Westmeath Arena experienced a septic back up. The tank was inspected and it was found that the septic field is failing. The tank was a 6,000 gallon tank. This project updates the failed septic system by installing a 10,000 gallon septic tank that satisfies the current building code. The Westmeath Arena acts as an ice rink in winter months, a hall all year around and as a community hub with pickle ball played in the non ice months of the year.	\$72,847	\$72,847	Complete
Recreation	Wilmot, Township of	Emergency Heat Pump Replacement in Wilmot Recreation Complex	A heat exchanger in the compressor room required for our two indoor ice pads was replaced to ensure the continued function of the facility.	\$40,876	\$40,876	Complete
Recreation	Wilmot, Township of	Installation of Playground Equipment at Constitution Park	Installation of additional playground equipment at Constitution Park in New Hamburg. Additional play features were installed as a result of feedback from staff and the public following the completion of works in 2019.	\$46,891	\$0	Complete
Recreation	Windsor, City of	Park Trails Capital Improvements	Replacement of approximately 1,200 m of the Langlois Court multi-use trail including benches, lighting and drainage. The trail was originally constructed in the late 1980's and has reached the end of its useful life. The new path will be constructed to comply with AODA standards.	\$700,000	\$88,620	Complete
Recreation	Windsor, City of	Park Bridge/Shelter Improvements-Ojibway Boardwalk/Little River Corridor Bridge/Mic Mac Park Shelter	Replacement of a 20+ yr. old boardwalk at the Ojibway natural pond - a critical link in the Ojibway trail system used for educational nature interpretation and programming - to improve accessibility and meet AODA standards.□ □ Refurbishment of Little River Corridor pedestrian bridges (decking, safety rails structural coatings and bridge abutments) consistent with the mandatory bridge inspection reports.□ □ Replacement of Mic Mac Park Picnic Shelter - a 40+ yr. old structure in our regional park.	\$300,000	\$56,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Recreation	Windsor, City of	Peche Island Bridge Improvements	The Peche Island bridge improvements includes the bridge rehabilitation to the deck sub-structure and abutments of the bridge bringing it back to its original condition. Partial and full depth upgrades to the concrete deck and railings will also be completed with a final water resistant sealcoat to be added at the end of construction.	\$770,161	\$23,500	Ongoing
Recreation	Windsor, City of	Renovation of Universal and Accessible Pool and Change Room Facility at Lanspeary Park	Renovate and retrofit Lanspeary outdoor pool and change room facilities in order to provide barrier-free access and expand existing year round programming. The facility change rooms were constructed in the 1960s and as such do not provide access that meets current Ontario Building code (OBC) Barrier Free Requirements nor the City of Windsor Facility Accessibility Design Standard (FADS). The existing vinyl-lined pool was built in 1950 and is long overdue for replacement.	\$967,000	\$0	Ongoing
Recreation	Windsor, City of	Construction of a New Parking Lot at Riverside Park	Complete construction of a new 76 space parking lot at Riverside Minor Baseball Park including walkways to the existing park facilities.	\$600,000	\$8,550	Complete
Recreation	Windsor, City of	Construction/Renovation of an Accessible Washroom/Change Room at Riverside Park	Complete renovation of the existing 326 sq m. building to meet current compliance with the AODA. Upgrades to the building will make the washrooms, change rooms, entrance ways and parking areas all accessible.	\$1,635,160	\$101,850	Ongoing
Recreation	Woodstock, City of	New Trail Development in Various Locations	Development of 2,500 m of new trails at Brick Pond community park, Cowan park, Shanna Larson Trail, and Burgess Trail, to provide new recreation opportunities for citizens.	\$25,000	\$2,000	Complete
Recreation	Woodstock, City of	Cowan Park Multi Use Field Development	Redevelopment of an old, limited-use soccer field in poor condition into a multipurpose field for football, soccer and other activities. The multipurpose field will provide the Woodstock Wolverines Football Club with a usable field for their purpose.	\$370,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Regional and Local Airports	Dryden, City of	Airport Terminal Building Refurbishment	The carpet in the Terminal building was original and installed in the building during its construction in 1984. The carpet continued to wear to the point of becoming a health and safety issue - and was impacting the aesthetics of this public building. Flooring upgrades would improve safe access to the terminal building, reduce ongoing maintenance costs, and result in non-slip flooring that was easy to clean and maintain. Lighting fixtures were also upgraded LED as part of this project.	\$99,616	\$46,114	Complete
Regional and Local Airports	Hearst, Town of	Replacement of the Municipal Airport's Fuel Dispensing System	This project consists of the replacement of the underground fuel tanks and their corresponding distribution systems with a new above-ground fueling distribution system, with the objective of servicing air operators that provide medical evacuations for the local hospital and its residents.	\$325,000	\$30,044	Ongoing
Regional and Local Airports	Peterborough, City of	Airport Water and Sewer Upgrade	A water reservoir was constructed to meet fire regulation. This project involves the engineering and construction of water and sewer upgrades. Funds for additional fire regulation requirements have also been budgeted.	\$15,000,000	\$0	Ongoing
Regional and Local Airports	Waterloo, Region of	Region of Waterloo International Airport Surface Parking Lot	The purpose of the project is to provide additional surface parking capacity to enable increase passenger volumes.	\$6,900,000	\$0	Ongoing
Regional and Local Airports	Waterloo, Region of	Region of Waterloo International Airport Terminal Expansion Phase 1	The purpose of the project is to expand the air terminal building to accommodate additional passenger volumes. This includes a new domestic baggage claim building (12,000 sq ft) and an expanded departure lounge (20,000 sq ft).	\$23,300,000	\$8,100,000	Ongoing
Regional and Local Airports	Wawa, Municipality of	Airport Aviation Gas Tank Replacement	The main objective of this project is the replacement of the underground fuel tank with an above-ground aviation gas tank. The older underground tank could not be inspected and the age of the tank could not be determined with certainty. The older tank was removed, and subsequent soil sampling confirmed that there was no environmental impact from the use or removal of the tank.	\$181,704	\$5,426	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Short-sea Shipping	Brampton, City of	Redevelopment of Fire Station 201	Existing Fire Station 201, located at 8 Rutherford Rd S, was not originally designed as a fire station and is deficient in a number of ways from current fire station functional standards. It is functionally obsolete and located too close to the Queen/Rutherford intersection, with traffic negatively impacting BFES service levels. The new fire station is being built with four bays on City land located at 25 Rutherford Rd S, with site specific access improvements including intersection upgrades.	\$10,550,000	\$81,027	Ongoing
Short-sea Shipping	Brampton, City of	Design and Construction of Fire Station 214	The City of Brampton is one of the fastest growing municipalities in Ontario. The population was approximately 593,638 in 2016 according to the census - an increase of 13.3% from 2011's census population. Due to this rapid growth, in particular the west end of Brampton, the need for a new fire station to meet the increasing service level requirements (in wards 5, 2 and 6) had been identified as a priority. A new two-bay, 8,500 sq ft fire station is being constructed at 917 and 927 Bovaird Dr.	\$8,200,000	\$868,170	Ongoing
Short-sea Shipping	Brampton, City of	Development of the Williams Parkway Fire Campus	Fire Station 203 is being demolished and replaced with a new Brampton Fire & Emergency Services Campus. The campus will house a new fire station, fire headquarters, emergency operations centre, and fire training centre. Work involves demolition of existing facilities, site work, and design and construction of the campus. This project will allow the City to provide better service to the citizens of Brampton, as well as accommodate a growing Fire Department.	\$54,200,000	\$17,839,913	Ongoing
Short-sea Shipping	McGarry, Township of	Installation of a Generator in the Fire Station	Our Municipal Building houses emergency vehicles used by the Fire Department and serves as a local fire station. A new propane generator was installed in the building to ensure the continued supply of power and heat when we have a power outage, which happens quite often in the North.	\$21,323	\$21,323	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Short-sea Shipping	Prince, Township of	Fire Station Heating Conversion	With the availability of natural gas, and the aging propane unit and electric baseboards in the bay and fire hall respectively, the heating system was converted to natural gas hot water heating. Work will improve energy efficiency and ensure the continued functionality of the fire hall.	\$20,025	\$20,025	Complete
Short-sea Shipping	Sarnia, City of	Design and Construction of the Colborne Road Fire Hall	Components of the existing fire station have met or exceeded their expected service lives. A condition assessment in 2017 found structural, mechanical, building envelope, sewer and storm water issues. There is an increasing risk of water penetration through the building envelope and interruption to operations due to unplanned maintenance issues. The building is therefore being demolished, and a new fire station is being designed and constructed.	\$1,090,000	\$168,620	Ongoing
Solid Waste	Assignack, Township of	Assignack Landfill Expansion on Sucker Lake Road	Existing landfill is reaching threshold of capacity. It requires an expanded land-filling footprint. All waste diversion efforts, including recycling and composting are in place but an expansion of the current site is favourable to locating a new site.	\$500,000	\$28,435	Ongoing
Solid Waste	Barrie, City of	Development and Implementation of a Downtown Waste Management Strategy	Development and implementation of a strategy to enhance the effectiveness of solid waste management in Barrie's downtown core with a focus on working with the BIA to better separate the commercial and residential waste streams in the downtown core that have previously presented challenges from a collection standpoint. This included the acquisition and installation of pilot infrastructure (specialized commercial waste bins) to support and enhance waste collection in the Lakeshore Mews area.	\$200,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Solid Waste	Brantford, City of	Expansion of Landfill Gas Collection System	Installation of 32 new (replacement) wells in Stage 2/2A, as well as, the construction of three horizontal collectors and a perimeter header pipe extension in Stage 3A/B at the Mohawk Street Landfill Site. Installation of new/replacement gas wells and horizontal collectors will improve existing gas collection operations as well as capturing landfill gas currently available in the newest disposal stages.	\$1,600,000	\$1,442,834	Ongoing
Solid Waste	Cornwall, City of	Landfill Leachate - Gas Collection	The landfill gas collection system collects gas under a vacuum and conveys it to the landfill gas flaring facility. The system is being relocated, expanded and upgraded to capture greenhouse gas emissions and odors caused by the decomposition of waste. This system expansion includes the construction and implementation of additional extraction wells to capture gas emissions and odors from a recently capped area [quadrant].	\$733,027	\$0	Ongoing
Solid Waste	Grimsby, Town of	Winston Road Waste Receptacle Replacement	New dual-stream waste and recycling receptacles are being installed on Winston Rd between Place Polonaise Dr and Hunter Rd. New receptacles (80 gallon capacity) are replacing existing receptacles (32 gallon capacity) in the same location.	\$25,000	\$0	Ongoing
Solid Waste	Guelph, City of	Expansion and Renewal of Public Drop off Scales at Solid Waste Facility	Expansion and upgrades to scales at solid waste facility. Improvements will allow for improved management of segregated loads, identification of waste type, variable charges and diversion of non-landfill materials to appropriate locations.	\$5,421,200	\$70,571	Ongoing
Solid Waste	Guelph, City of	Waste Management Diversion and Methane Collection Improvements	This project involves the addition of a second public drop off scale to improve the efficiency of the facility, including the segregation of loads and the reduction of materials transferred to landfill. Work includes equipment replacement and upgrades within the sorting facility to improve efficiency, capacity, and capture rate of recyclable materials. The project also involves additional investment in the upkeep of the methane capture system at the historical landfill site.	\$7,221,100	\$228,865	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Solid Waste	Hamilton, City of	Acquisition and Replacement of Waste Diversion Containers	Waste diversion containers are required to maintain the City's waste programs for eligible properties. Containers are required for new properties and as replacement for damaged containers. Waste diversion containers include curbside recycling boxes (54,432), recycling carts (1,188), apartment recycling bags (6,000), green carts (8,539 large, 11,232 small) and kitchen organics mini-bins (3,960).□	\$880,000	\$344,297	Ongoing
Solid Waste	Hamilton, City of	Central Composting Lifecycling Replacement	Replacement of the Central Composting Facility/Equipment for the processing of source separated organics including the replacement of the Supervisory Control and Data Acquisition System	\$740,000	\$0	Ongoing
Solid Waste	Head, Clara & Maria, United Townships of	Bissett Creek Landfill Expansion	There are only two active landfills in the Township and based on average deposition rates, it's estimated that both will close in 2030. To address the long-term needs of the Township beyond this period, a Consultant has been hired to give us advice on the expansion of our existing Bissett Creek waste disposal site and services to meet future needs. Based on their advice and MoE approval, expansion work is being undertaken.	\$39,541	\$0	Ongoing
Solid Waste	Hilton Beach, Village of	Landfill Environmental Compliance Approval	The Village is making several improvements to the landfill to meet requirements identified in the latest environmental assessment from the Ministry of the Environment. Work involves preparing a Design and Operational Report, testing ground and surface water to ensure that there is no contamination, creating and implementing a monitoring program, and constructing a new landfill attendants' shack with proper heating.	\$100,000	\$25,000	Ongoing
Solid Waste	London, City of	Implementation of New and Emerging Solid Waste Technologies	The City is implementing new, emerging, and/or next generation resource recovery technologies as part of its Long Term Resource Recovery Strategy. Part of this project involves implementing the Green Bin program - and specifically purchasing green bins and kitchen catchers for residents to participate in the program as well as the required new curbside collection vehicles.	\$36,000,000	\$15,264	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Solid Waste	London, City of	Replacement of Ancillary Infrastructure of W12A Landfill	Install and replace the ancillary infrastructure (e.g., onsite access roads, leachate pumping stations, stormwater management ponds, site perimeter fencing, etc.) of the W12A Landfill Site. Installations and replacements are required to maintain compliance with Environmental Compliance Approval for the Site.	\$1,135,510	\$451,050	Ongoing
Solid Waste	London, City of	Closed Landfill Management	Cell capping/restoration, ground water monitoring, well installation, and leachate and methane gas control measures at closed landfills. This project protects people and property, while complying with the Ministry of Environment and Climate Change criteria.	\$385,817	\$33,174	Ongoing
Solid Waste	London, City of	Construction of Waste Disposal Cell 10 and Extension of On-Site Access Road to W12A Landfill	Project is for the construction of waste disposal cell 10 and extension of the on-site access road at the W12A Landfill. The approximately 6.2 hectare construction of Cell 10 (including the landfill base and leachate collection system) creates approximately 1,100,000 cubic metres of usable disposal capacity, which accommodates approximately 3.5 years of waste disposal operation at current landfilling rates.	\$4,624,838	\$86,947	Ongoing
Solid Waste	London, City of	Landfill Gas Collection	To design and construct the landfill gas collection system as new cells are constructed. Landfill gas collection is a key element of the W12A Odour Reduction Strategy. It is a regulatory requirement to collect and manage landfill gas generated at the site.	\$1,094,933	\$130,014	Ongoing
Solid Waste	London, City of	Development of a Landfill Gas Power Plant	Development of a 500 kilowatt landfill gas power plant at the W12A landfill with connection to the local power distribution system. Project is in the early stages. A consultant has been hired to undertake an air, odour and noise study.	\$4,000,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Solid Waste	London, City of	Construction of Waste Disposal Cell 9 and Extension of On-Site Access Road to W12A Landfill	Project is for the construction of waste disposal cell 9 and extension of the on-site access road at the W12A Landfill. The approximately 6.2 hectare construction of Cell 9 (including the landfill base and leachate collection system) creates approximately 1,100,000 cubic metres of usable disposal capacity, which accommodates approximately 3.5 years of waste disposal operation at current landfilling rates.	\$5,146,236	\$0	Complete
Solid Waste	London, City of	Installation/Replacement of Waste Diversion Infrastructure	Install/replace waste diversion infrastructure works at EnviroDepots, Household Special Waste Depots, Material Recovery Facility including surface water control structures, fencing, retaining walls, etc. Works are required to stay in compliance with Environment Compliance Approval, meet regulatory requirements, and/or ensure residents have access to cost-effective diversion facilities. In 2017, this waste diversion infrastructure assisted with the diversion of approximately 72,000 tonnes.	\$266,800	\$138,229	Ongoing
Solid Waste	London, City of	Replacement of Ancillary Infrastructure of W12A Landfill	Install and replace the ancillary infrastructure (e.g., onsite access roads, leachate pumping stations, stormwater management ponds, site perimeter fencing, etc.) of the W12A Landfill Site. Installations and replacements are required to maintain compliance with Environmental Compliance Approval for the Site. Cell #9 is under warranty period.	\$1,275,471	\$55,216	Ongoing
Solid Waste	Markham, City of	Methane Gas Collector Upgrade	The upgrade to the Northern Header at German Mills Meadow and Natural Habitat will replace the pipes eliminating leakage in the system and mitigate the observed deficiencies in the landfill gas collection system. This improves the efficiency of the gas collection system ensuring that the methane produced by the waste in the landfill is captured and diverted from migrating onto private properties. The upgrade will extend the lifecycle of the system for another 25 years.	\$569,380	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Solid Waste	O'Connor, Township of	Disposal Site Study	The Township of O'Connor is obtaining a Landfill Site Study to report information on volume, capacity, mapping, annual usage of the landfill site and the remaining lifespan of the site, along with reports outlining future closure and post-closure costs.	\$10,074	\$5,332	Complete
Solid Waste	Peel, Region of	Upgrades to the Material Recovery Facility	Upgrades to the Material Recovery Facility will result in advancements to recovery technologies in response to increasingly rigorous quality standards from industries utilizing post-consumer recyclable materials. The upgrades include: the installation of 10 new optical sorters, a new OCC screen, new conveyors and a new ballistic separator. This project will improve flexibility in response to changing recyclable material composition.	\$23,929,561	\$1,056,513	Ongoing
Solid Waste	Smooth Rock Falls, Town of	Landfill Expansion	The project involves a landfill expansion project to extend the life of the town's landfill site. With the new recycling program introduced in October 2016 and when the expansion project is completed, the landfill site closure will be extended by 40 years plus. The current estimated closure for the site is 2 years. Also included is a review and completion of the 5 year monitoring report that is required by the Ministry of the Environment.	\$280,000	\$35,334	Ongoing
Solid Waste	The Blue Mountains, Town of	Winterization of the Leachate System	In 2019, Council approved the installation on a new leachate pre-treatment system due to significant odour and dangerous hydrogen sulphide levels. The system was tested on a small scale and found to be successful. Winterization was considered, but initially excluded to reduce costs and due to the system being unproven. Close to half of the annual leachate volume is moved from November to March. Winterization of heat tracing and insulation will prevent the system from freezing.	\$27,500	\$2,513	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Solid Waste	Waterloo, Region of	Waterloo Landfill Road Construction - Gate 1 Road	The road network being replaced is located at the front entrance of the Waterloo Landfill Site at 925 Erb St. and extends to include several waste disposal facilities. The roads were showing significant deterioration and the storm sewer structures on this road were at the end of their service life. Road construction includes asphalt pavement, culverts, concrete removals, curb and sidewalk construction, storm structure and appropriate landscaping	\$4,153,000	\$3,124,473	Ongoing
Solid Waste	Waterloo, Region of	Waterloo Landfill Site EW433-21 Infrastructure Upgrades	The objective of this project is to physically connect the previously installed groundwater extraction well to the existing groundwater network. The project also includes the installation of a pump and associated equipment for the purpose of intercepting, extracting and eventual treatment of impacted groundwater at the landfill site.	\$1,215,000	\$373,416	Ongoing
Solid Waste	Waterloo, Region of	Waterloo Landfill Pumping Station No. 3 (PS3) Replacement	The work includes the replacement of all equipment in the existing Pump Station No. 3 (PS3) and demolition of all existing PS3 structures, new electrical system, HVAC system and instrumentation and control panels, installation of PS3 valve chamber, inlet chamber, above-grade control building and new influent leachate piping connections to existing pump stations, replacement of two existing air release chambers, and testing and commissioning of all new equipment and controls.	\$4,021,400	\$0	Ongoing
Sports	Ajax, Town of	Harwood South Soccer Pitch Improvements	Installation of new sports field lighting on an existing senior-size soccer field on Harwood Avenue South.	\$420,026	\$0	Ongoing
Sports	Hamilton, City of	Ancaster Soccer Improvements	Soccer field improvements at Ancaster Community Centre - central field. Upgrades include reconstruction of field surface, installation of irrigated natural grass, new goal posts, relocation of player benches, shifting the field, and relocating lights. The field is additionally being named the Melissa Tancredi soccer field after Ancaster native and three-time Olympian, Melissa Tancredi.	\$390,000	\$226,240	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Sports	Niagara, Region of	2021 Canada Summer Games Park Legacy Project	Canada Games Park is envisioned to occupy a building footprint in the range of 155,000 square feet and contain roughly 180,400 square feet of space on two levels. Uses / facilities to be included in the Facility are: A twin pad arena, a quad gym, a regional centre for the Canadian Sports Institute, Health and Wellness Centre, 400 metre running track, beach volleyball facility, open air bike pavilion, and an area for jumping/throwing athletics.	\$101,461,235	\$0	Ongoing
Sports	Thunder Bay, City of	Improvements to Sports Facilities at Various Locations	Projects include improvements to Golf, Soccer fields, Baseball facilities and tennis courts as well as bleachers and benches for viewing. Work will renew assets which are available to citizens for recreational sport opportunities. A secondary benefit is improving the ability of the city to support events which attract tourists.	\$756,155	\$0	Complete
Sports	Vaughan, City of	Tennis Court Reconstruction at Three Parks	The City is reconstructing existing tennis courts at Kiloran Park, Wade Gate Park, and Napa Valley Park. Work involves replacement of existing asphalt and perimeter fencing with new acrylic surfacing and fencing. The project is critical to ensure the safety of our community for outdoor activities.	\$1,200,000	\$0	Ongoing
Sports	Vaughan, City of	Vaughan Grove Sports Park Artificial Turf Replacement	Project scope involves replacement of artificial turf surfacing and associated improvement works on the soccer field at Vaughan Grove Sports Park.	\$1,690,000	\$51,827	Complete
Tourism	Barrie, City of	Allandale Historic Train Station Development	The Allandale Station buildings are a significant City of Barrie heritage asset and their final restoration and use is an important strategic initiative for the City. This project completes the basic level of interior construction to facilitate occupancy of the Passenger Depot and Dining Hall as well as the level of site development required to support activities in the buildings and on the site.	\$4,800,000	\$72,894	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Tourism	Brockville, City of	Two HVAC Replacements at Aquatarium	<p>Replacement of two HVAC units within the Aquatarium. □</p> <p>□</p> <p>One unit services level 1 of the Aquatarium where the washrooms, store room and desk area are located.□</p> <p>□</p> <p>The second unit is located on level 3. The current unit is inadequate to maintain proper temperatures for the animals and staff. This unit must be forced on and must run at all times to ensure the animal holding and food prep area is adequately cooled. The new unit will increase efficiency and reduce energy costs.</p>	\$17,000	\$0	Ongoing
Tourism	Brockville, City of	James C. Auld Harbour Building Doors & Visitor Wayfinding signage	As the number of tourist attractions within the city have grown, so have the number of directional signs on city roads. Over time this has led to an accumulation of signs, inconsistent designs, and cluttered roadways. Outside analyses of Brockville have consistently included wayfinding as an area of improvement including the 2015 Brockville Economic Development Strategic Directions Update, 2016 First Impressions Community Exchange Report, 2017/18 Communities in Bloom judging panels, etc.	\$40,000	\$0	Ongoing
Tourism	Casselton, Municipality of	Municipal Entrance Signage Improvements	Construction of a new municipal sign with planter. This sign is the first thing that visitors see when driving in to our community. Installation of this new sign encourages those visitors to explore our community and support our local businesses	\$20,000	\$0	Complete
Tourism	Dryden, City of	Victoria Street Dock Replacement	<p>The old dock had deteriorated significantly, had plywood used as decking, and needed more repair work than its value. The dock was at the end of its life, with legacy parts no longer available.□</p> <p>□</p> <p>The old dock was therefore removed, and a new dock that will be able to handle the usage and weather was installed. The new dock is a heavy duty dock with composite decking, is larger than the old dock, and is expandable.</p>	\$45,053	\$45,053	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Tourism	Elliot Lake, City of	Mount Dufour Ski Hill - Recycled Asphalt Parking Lot	The Mount Dufour Ski Hill is the only ski club on the North Shore with a quad chair lift and man made snow. The hill regularly hosts competitive races, big air competitions and is patronized by visitors every weekend. Under COVID restrictions, patrons must dress and prep for skiing in the parking lot. Improvements to the parking area will increase user enjoyment and decrease maintenance costs and wear and tear on snow removal equipment.	\$157,393	\$157,393	Complete
Tourism	Hearst, Town of	Gilles Gagnon Welcome Center Roof Replacement	Gilles Gagnon Welcome Centre welcomes more than 7,000 tourists and hundreds of residents every year, and provides information regarding the many activities and services available in our community. It is known for its unique roof shaped as a conifer tree with a front wall designed as a saw cutting into the building as it pays homage to the primary industry of the region. The original roof was past its useful life and water was infiltrating into the building. The roof was therefore replaced.	\$65,000	\$0	Complete
Tourism	James, Township of	Upgrading Lake Street Boat Launch	Redesign and upgrade of an aging boat launch on Lake Street. A major retrofit to the existing boat launch is being completed to accommodate larger boats and vehicles. This project will make it easier and safer for visitors and residents to launch and reload their boats and equipment on the Montreal River.	\$85,479	\$2,887	Ongoing
Tourism	Mattawa, Town of	Mattawa Travel Information Centre Rehabilitation/Replacement	The Mattawa Travel Information Centre is a beautiful log building built in 1992. After 25+ years of weather abuse, this wooden building is showing its age and needs to be cared for. This project involves the renovation and/or replacement of the main floor tiles, windows in the vestibule, window sills, bottom log of the building, roofing improvements, and the application of log building preservative treatment.	\$151,005	\$25,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Tourism	Mississauga, City of	Installation of Banner Poles Near the Main St. Bridge	Eight banner poles are being installed in the vicinity of the Main St. Bridge, which is one of the main points of entry to Streetsville. These poles will have banners installed on them yearly to promote products and services in "The Village in the City". With the many historic buildings, inviting restaurants, cafes, pubs, shops and more - including events going on year round - there is always something going on.	\$80,000	\$52,932	Ongoing
Tourism	Mississauga, City of	Installation of a New Cooksville Sign at Four Corners Park	This project is for the design, fabrication, and installation of a new illuminated Cooksville sign at Four Corners Park in Mississauga. The project will help promote the revitalization of small businesses in the Cooksville Business Improvement Area (BIA).	\$400,000	\$7,410	Ongoing
Tourism	Mississauga, City of	Design and Construction of Streetsville Village Entry Sign on Main St	This project involves the design and construction of the Streetsville Village main entry sign and surrounding garden on Main Street. The Streetsville sign is a Village gateway sign signifying that you are entering the Village of Streetsville. It is to be located in P-114 Streetsville Memorial park just back from Main Street (at the north end) and is meant to be a tourist marker for the village.	\$160,000	\$139,764	Complete
Tourism	Mississauga, City of	Banner Pole Installation - Streetsville Ward 11	Installation of two concrete or decorative poles that can support a crossroads banner with prefabricated holes or hanging tools. These banners will be used for Streetsville events (e.g., Bread and Honey, Santa Claus Parade). Poles are being installed on opposite sides of Queen St, just north of Ontario St.	\$15,384	\$0	Complete
Tourism	Mississauga, City of	Sign Installation - Malton BIA - Mainstreet Revitalization	This project involves supplying and installing a new MALTON sign as part of the Main Street Revitalization Initiative. The initiative will help support small businesses through the beautification of main streets in the Malton Business Improvement Area (BIA) district.	\$453,590	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Tourism	Mississauga, City of	Build and Install a Full-Size Replica of the Avro Arrow at Paul Coffey Park	This project involves the building and installing of a full size replica of the Avro Arrow to honour Malton's aviation history and commemorate a Canadian designed and built supersonic jet. The Malton BIA shall be entirely responsible for the fabrication of the replica and installation according to the terms of a Design and Development Agreement with the City of Mississauga.	\$2,257,351	\$0	Ongoing
Tourism	Red Rock, Township of	Red Rock Marina Revitalization	Docks, lighting dock surfaces, slip, dock flotation and water transportation entrance will be upgraded at the Red Rock Marina. Scope of the project includes dock surface board replacement with composite skid free planking, replacement of slip and dock floats, and replacement of lighting infrastructure on the marina break wall.	\$90,200	\$0	Ongoing
Tourism	Red Rock, Township of	Development of an RV Park	The Township relies heavily on tourism as our only industry shut down in 2006. We have developed our waterfront and marina over the last two decades and are developing an RV Park.	\$3,500,000	\$0	Ongoing
Tourism	Thunder Bay, City of	Prince Arthur's Landing Pool 6 Site Enhancement	The project strengthens Thunder Bay's economy, lifestyle and well being through city building and social infrastructure. Three cruise lines have expressed interest to dock at Prince Arthur's Landing with multiple port stops. Anticipated yearly is 5,200 cruise client visits to the City with 14 cruise itineraries with future itinerary development over the next decade. This project includes dock improvements, trails, wayfinding, electrical for vendor markets, seating, lighting and security.	\$5,166,000	\$0	Ongoing
Tourism	Thunder Bay, City of	Construct Market Square with Curb/Gutter and Surrounding Concrete Sidewalks	This project invests in tourism infrastructure attracting multi-cultural tourists of all ages across North America for multiple events held at the Marina Waterfront. Project involves a new bbq area, 14 Light Poles, tables and umbrellas, 4 Power Pedestals supporting food trucks or sound systems. Also includes directing stormwater into a planted LID, as well as decorative festoon lighting, curb/gutter, 25m of 250mm Storm Sewer and surrounding 170m ² concrete sidewalk.	\$674,238	\$133,516	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Ajax, Town of	Installation of Waterfront Rain Gardens	To improve the quality of the stormwater discharging to Lake Ontario, a reduction in stormwater runoff and improvements to water quality through filtration/infiltration systems will be implemented through installation of waterfront rain gardens.	\$462,228	\$0	Ongoing
Wastewater	Aurora, Town of	Rehabilitation of Storm Sewer Outlets	The Town continuously maintains and improves the stormwater inventory. Work involves the rehabilitation of broken and collapsed pipes, and the removal of sediment and debris in outfall structures. This project involves the remediation of the 17 storm outlets that are the most urgent to address.	\$1,110,000	\$468,569	Ongoing
Wastewater	Barrie, City of	Stormwater Pond Management	As required in the City's stormwater systemwide environmental compliance approval and in accordance with maintenance requirements in the Ministry's Stormwater Management Plan and Design Manual, four full pond cleanouts and four forebay cleanouts needed dredging and rehabilitation to restore them back to their original design. These efforts helped restore the functions of the SWMFs for water quality and quantity control, improved downstream water quality, and enhanced the existing ecosystem.	\$2,034,466	\$1,000,000	Complete
Wastewater	Barrie, City of	Essa Rd Right of way Replacement & Hotchkiss Creek Expansion - Anne to Gowan St	Removal and replacement of the sanitary sewer system, the removal and increasing size of the storm sewer system and the replacement of some domestic water services. The existing storm sewer ranged from 450mm to 600mm in diameter and was replaced with storm sewer ranging in size from 1200mm in diameter to a box 2400mm by 1500mm.	\$3,093,672	\$0	Complete
Wastewater	Barrie, City of	Construction of New Stormwater Pond on Dyments Creek	Construction of a new storm water management facility (pond) on Dyments Creek north west of the Dunlop Street West and Ferndale Drive intersection to provide storm water quantity and quality treatment to mitigate downstream flooding.	\$509,476	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Barrie, City of	Construction of New Drainage Outlet on Albert Street	Construction of a storm sewer to handle major storm flows from Albert Street to reduce flooding on private property along with approximately 125 m of storm sewer to capture flows from Albert Street at Amelia and convey them to Theresa street storm sewer which is replaced as part of a separate project.	\$1,848,029	\$0	Ongoing
Wastewater	Barrie, City of	Lover's Creek LV4, LV5 and LV6 Wastewater Pond Retrofits	This project includes three pond retrofits that are located in the Lover's Creek drainage corridor (their unique identifiers are LV4, LV5 and LV6). The scope for the pond retrofits include, but is not limited to, excavation and disposal of accumulated sediment, constructing new or reconstructing existing plunge pools and cooling trenches, site stabilization and restoration, and constructing a new stormwater management facility (for LV4).	\$2,019,162	\$0	Ongoing
Wastewater	Barrie, City of	Lakeshore Drive capacity improvements of Dymont's Creek and Bunker's Creek	This project improves the flow capacity, fish habitat, and water quality of Bunkers Creek & Dymont's Creek. The flow capacity is improved to convey the peak flow generated by a 1 in 100 year storm event. The 3-culvert system under the old Lakeshore Dr. will be replaced with an open channel to improve fish habitat by removing the "long dark tunnel" and replacing with the "daylighted" open channel.	\$7,820,631	\$0	Ongoing
Wastewater	Brampton, City of	Storm Water Management Facilities Restoration in Multiple Locations	The project work involves major restoration and renewal activities for stormwater management facilities (ponds), as well as stream bank erosion control works. Activities entail removal and disposal of contaminated sediment; construction of erosion protection/stream bank stabilization works at Fletchers Meadow Pond-10100 Chinguacousy Rd; Sorby Pond-25 Salvation Rd; Pond in Chant Valley; and Flower City Community Campus Pond-8850 McLaughlin Rd.	\$2,000,000	\$2,061	Ongoing
Wastewater	Brampton, City of	Storm Water Management - Restoration	To restore the City's existing storm water management facilities. Project scope includes sediment removal at Ken Park pond and the cleaning of various storm water management ponds in the City.	\$8,980,411	\$131,996	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Brantford, City of	Reconstruct Braneida Stormwater Pond	Retrofit of the existing dry stormwater management pond to a wet stormwater management pond. Retrofitting the existing dry pond will include but not be limited to: excavating a permanent pool, re-grading the pond side slopes, construct a forebay berm, and modifying the existing control structure and easement cost. This project was selected to help with downstream erosion issues as well as supporting further development in the neighbouring industrial area.	\$2,250,000	\$38,547	Ongoing
Wastewater	Bruce Mines, Town of	Sewer Service Design and Construction for Cunningham Street	The sewer line that existed at this location was not adequate and back-ups would occur and require ongoing maintenance. Council approved the design and construction of a new sewer line. One hundred and forty (140) feet of new sewer line was installed.	\$6,954	\$2,714	Complete
Wastewater	Cambridge, City of	Retrofit of Stormwater Management Ponds 163 and 155	The City is rehabilitating two stormwater management ponds. Work involves removing sediment and vegetation, establishing new maintenance access, and other activities required to address other minor deficiencies as identified through condition assessment.	\$835,000	\$265,500	Ongoing
Wastewater	Cambridge, City of	Construction of the Cooper Street Relief Storm Sewer	Construction of a secondary storm sewer outlet through Forbes Park for the Cooper St storm sewer in Hespeler to reduce flooding of residential properties on Cooper St. Modelling in the City's 2011 Stormwater Master Plan identifies surcharging in the outlet of the 600 mm storm sewer through Forbes Park due to the confluence of the the 675mm Cooper Street sewer with a 600 mm sewer on Kribbs St. The surcharging is contributing to regular flooding of residential properties on Cooper St.	\$270,000	\$0	Ongoing
Wastewater	Cambridge, City of	Stormwater Pond 155 Retrofit	Sediment cleanout and rehabilitation to restore stormwater management (SWM) pond 155 to full operating capacity per Provincial Certificates of Approval.	\$650,000	\$12,597	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Cambridge, City of	King St Reconstruction Phase 1 (Dover to Bishop)	Phase 1 of Preston Streetscaping - King St E from Dover St to Laurel St. Project includes replacement of sanitary sewer, storm sewer, and watermain (including services due to deterioration). Work also includes replacement of sidewalk, curb, traffic signs, streetlights, benches, street trees, garbage receptacles and bike rings. The focus of this project is core area beautification and enhancement of existing or new amenities through improved access to the river for residents and visitors.	\$7,844,000	\$48,132	Ongoing
Wastewater	Cambridge, City of	Stormwater System Reconstruction - Fraser St	Reconstruction of Fraser Street from Glebe Street to Grand Avenue South. Project involves replacement of water, sanitary, storm and road infrastructure due to deterioration and replacement of sidewalk, curb, traffic signs and utility relocation.	\$754,595	\$0	Complete
Wastewater	Casselman, Municipality of	Storm Sewer Installation on Sarah St, Fillion St, Martin St, and Francess St	The municipality is designing and constructing a new storm sewer collector system on Sarah St, Fillion St, Martin St, and Francess St. The construction of the new system will correct a long history of flooding problems in this sector. It will also mitigate a lot of concerns voiced by local residents.	\$400,000	\$9,311	Ongoing
Wastewater	Centre Hastings, Municipality of	Wastewater Inspection and Infiltration	This project involves flushing, camera (CCTV), relining and/or replacement of sanitary mains in the Village of Madoc to assist with water infiltration issues (ground water entering sewer pipes). This project will prevent unnecessary treatment of sewage and to avoid unnecessary flow levels in the Madoc Lagoon system to allow for capacity for growth and development in the community.	\$100,000	\$96,163	Complete
Wastewater	Chapleau, Township of	Lagoon System Dechlorination Implementation	The project involves the upgrade of the chlorination system (to enable flow pacing) and the construction of a dechlorination system at our wastewater lagoons. This new process equipment will ensure we are compliant with federal regulations mandating that chlorine residuals be reduced to non-detectable levels (< 0.02 mg/L) by 2021.	\$682,956	\$63,511	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Chapple, Township of	Lagoon Rehabilitation - Vegetation Control	Rehabilitation of the Chapple Lagoon system. Work involved vegetation control - namely the removal of cattails - to ensure the continued functionality of the system.	\$10,634	\$10,634	Complete
Wastewater	Cobourg, Town of	Sanitary Sewer Rehabilitation on Harden St, Harden Cres, and Sinclair St	Sanitary sewer was installed in the 1950s and is in poor condition. The watermain is being replaced and the sanitary should be replaced at the same time. The project includes the complete replacement of 302 m of sanitary sewer on Harden Cres and Sinclair St, and the relining of 227 m of sanitary sewer on Harden Street.	\$750,000	\$50,000	Ongoing
Wastewater	Cobourg, Town of	Improvement of the Terry Fox Storm Water Management Pond	The Town is improving the storm water management pond at the south end of Tillison Ave in the Terry Fox subdivision. The project involves completing a study to determine the scope of work required, followed by construction to improve the function of the pond.	\$450,000	\$51,763	Complete
Wastewater	Cramahe, Township of	Wastewater Facility Upgrade Project	As identified in the Township's Asset Management Plan, the existing wastewater treatment facility was in need of several upgrades to ensure that the service level and water quality is maintained, including the replacement of the RAS/WAS pump, effluent pumps, VFD blowers, Alum tank replacement, by-pass valves, among other components	\$266,000	\$266,000	Ongoing
Wastewater	Dryden, City of	Sanitary Manhole Lining	Apply interior lining to selected sanitary manholes to prolong their operational life. Lining will eliminate concrete/brick pieces falling into the sewer main causing back-ups and also reduce the amount of ground water infiltration. Benching of manholes is included in this project which provides for a smoother more direct flow through the manhole reducing the chance of blockages. This is an ongoing rehab project, with approx. 8 manholes lined each year.	\$300,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Ear Falls, Township of	Wastewater Treatment Plant WSER / Blower Improvements	This project will bring the Township's Wastewater Treatment Plant into compliance with the Wastewater Systems Effluent Regulation (WSER) and NFPA 820 including engineering work and construction activities associated with dichlorination of wastewater and/or cessation of chlorination as well as blower installation to improve energy efficient operation of the plant.	\$29,289	\$10,029	Ongoing
Wastewater	Erin, Town of	Storm Sewer Installation on Daniel St and Scotch St	The installation of a storm sewer system on Danial Street and Scotch Street (385 meters) in Erin to improve the drainage of the area.	\$520,000	\$0	Complete
Wastewater	Grand Valley, Town of	Riverhill Storm Sewer Installation Phase 3 - Spruyt Avenue	Work involves construction of a storm sewer in the roadway, construction of storm services to the front of homes on the road (to accept sump discharge), and reconstruction of the road, complete with the installation of concrete curbs. This project is being completed to reduce groundwater flow entering the sanitary sewer system and flows at the sewage treatment plant.	\$550,000	\$0	Complete
Wastewater	Greater Sudbury, City of	Rehab of Sanitary Sewers	Replacement of approximately 430 metres of sanitary sewers.	\$1,410,000	\$29,570	Ongoing
Wastewater	Greater Sudbury, City of	Rehabilitation of Sanitary Sewers on Hyland Drive	Full sanitary sewer replacement including all service laterals on Hyland Drive.	\$1,200,000	\$364,173	Ongoing
Wastewater	Greater Sudbury, City of	Rehabilitation of Sanitary Sewers	Rehabilitation (lining) and replacement of approximately 3,500 m of 150 mm, 200 mm, 300 mm diameter sanitary sewers at various locations including Applegrove, Clemow, Oak, Victoria, Willow, Allan, Southview, and other locations.	\$1,625,000	\$49,139	Ongoing
Wastewater	Greater Sudbury, City of	Rehabilitation / Replacement of Sanitary Sewers	Rehabilitation (lining) and replacement of approximately 5.5 km of sanitary sewers at the following locations: Rio Road; Selkirk Street; Secord Court; Nicolet Street; Burton Avenue; Humber Court; Hearne Avenue; Albany Street; Snowdon Avenue; Bruce Avenue; McNeill Blvd; Pine Street; Eyre Street; Whittaker Street; Hyland Drive; Beverly Drive; Shelley Drive; Parisien Avenue; Hastings Crescent; Second Avenue; Rix Street.	\$1,453,958	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Greater Sudbury, City of	Rehabilitation/Replacement of Sanitary Sewers	Rehabilitation (lining) and replacement of approximately 3.9 km of sanitary sewers on Algonquin Rd and Margaret St and rehabilitation in various locations (i.e., York St, Strathmere, Talon St, Beatty St, etc.). The project helped to reduce sewer back-ups and reactive maintenance.	\$3,768,474	\$132,951	Complete
Wastewater	Greater Sudbury, City of	Sanitary Sewer Replacements and/or Rehabilitation	Wastewater projects include sanitary sewer replacements and/or rehabilitation (lining) and are determined based on a review of condition, operational issues and capacity. Repairs and replacement of approximately 236 m of sanitary sewers are being done.	\$1,410,774	\$0	Complete
Wastewater	Guelph, City of	Stormwater Pond Rehabilitation	The City has over 100 storm water management facilities. Several were recommended for rehabilitation - i.e., sediment removal and other measures - in the Storm Water Management Facility Inventory, Assessment and Maintenance Needs plan. Around five storm water management ponds are being rehabilitated under this project. This work protects the natural environment by improving the quality - and reducing the quantity - of storm water released to water bodies.	\$1,688,000	\$83,446	Ongoing
Wastewater	Guelph, City of	Construction of a Snow Disposal Facility	Construction of a snow storage and controlled melt facility to conform to industry best management practices and Federal Salt management requirements to mitigate and reduce the impact of stored road salt to the physical environment.	\$5,565,000	\$2,251	Complete
Wastewater	Haldimand, County of	Ouse St Forcemain Twinning	All wastewater generated in the community of Cayuga flows to the Ouse St. Pump Station and is then pumped approximately 600 m through a forcemain to the Cayuga wastewater treatment plant. A failure in this pipeline would have significant consequences. As this forcemain ages, the risk of failure increases. This project therefore involves the construction of a second forcemain for redundancy purposes. Additional conveyance capacity will be achieved with two forcemains in service.	\$30,800	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Halton Hills, Town of	Replacement of Bowman St & E/W Trail Retaining Wall	<p>The objective of the project is to undertake the design and construction for the replacement of the existing Bowman Street SWM facility retaining wall (gabion baskets). Retaining wall replacement will secure the properties of residents backing onto the Town's SWM facility and prevent future property damage and/or safety issues with the existing wall.</p>	\$365,000	\$13,500	Ongoing
Wastewater	Halton, Region of	Upgrade of RAS & Secondary Clarifiers #5 to 8 at Burlington Skyway WWTP (Phase 2)	<p>Steel internal mechanism items of final clarifiers 5-8 are assumed to be in as poor condition as secondary clarifiers which were built in 1972/1974. Due to the age and material of the RAS (Return Activated Sludge) piping there have been multiple breaks in the pipes in the past five years. The RAS lines from secondary clarifiers 5-8 are therefore being replaced.</p>	\$5,000,000	\$135,824	Ongoing
Wastewater	Halton, Region of	Bromley Wastewater Pump Station No. 6 Renewal	<p>This is for the renewal of Pump Station No. 6. Works includes installation of new pumps, genset, upgraded electrical system, replacement of MCC and installation of automatic transfer switch, as well as replacement of metal works, valves, and other pipework. Completing the project will reduce the risk of environmental damage and public safety issues by mitigating against an emergency situation that may result in wastewater overflowing into the creek, Lake Ontario, or basements.</p>	\$2,738,000	\$33,182	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Halton, Region of	Renewal of Paletta Gardens Wastewater Pumping Station No. 10	<p>This is for the renewal of Pump Station #10. Works include installing new pumps, replacing check valves, generator, upgraded electrical system, replacement of MCC & installing automatic transfer switch, installing sluice gate, as well as replacement of metal works, valves, and other pipework.□</p> <p>□</p> <p>This will reduce the risk of environmental damage and public safety issues by mitigating against an emergency that may result in wastewater overflowing into the creek, Lake Ontario, and/or basements.</p>	\$2,913,000	\$39,815	Ongoing
Wastewater	Halton, Region of	Storm System Construction at Guelph Line & Harvester Rd	Halton is undertaking an emergency storm sewer replacement at the intersection of Guelph Line & Harvester Rd in Burlington. Work involves replacing collapsed and damaged sections of the 450 mm corrugated steel pipe. Halton is replacing the damaged storm sewer pipe to prevent any further settlement of material. Ignoring the damaged pipe could lead to a sinkhole on Harvester west bound right turn lane and the sidewalk.	\$1,310,000	\$4,568	Ongoing
Wastewater	Halton, Region of	Campbellsville Sedimentation Basin Design & Construction	Design & construction of a sedimentation pond that will increase the level of removal of suspended solids for storm water treatment.	\$2,241,000	\$59,558	Ongoing
Wastewater	Halton, Region of	Milton Wastewater Treatment Plant Decommissioning	Decommissioning of the Milton wastewater treatment plant. Sending all wastewater flows to Mid-Halton WWTP is the most cost effective and technically viable long term solution for wastewater servicing in the central and north Milton areas.	\$1,162,000	\$16,015	Ongoing
Wastewater	Halton, Region of	Dewatering System Upgrade at the Biosolids Management Centre	Upgrades to Biosolids Management Centre Dewatering system. The present dewatering system is at the end of it services life and is showing significant signs of deterioration.	\$3,850,000	\$175,407	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Halton, Region of	Biogas Utilization Program Feasibility Study	Halton is undertaking a biogas utilization program feasibility study at the four south Halton wastewater treatment plants. The goal is to review alternatives to increase the beneficial use of biogas generated at each plant through the sludge digestion process, as well as calculate the associated greenhouse gas emission reductions resulting from alternative biogas use solutions.	\$1,650,000	\$0	Ongoing
Wastewater	Halton, Region of	Wastewater Main Replacement on Ayr Place	200 mm wastewater main replacement on Ayr Place from Lomond Crescent to the end in Burlington. Work is occurring in coordination with watermain replacement.	\$745,000	\$0	Complete
Wastewater	Halton, Region of	Wastewater Main Replacement on Prince Charles	200 mm and 300 mm wastewater main replacement on Prince Charles Drive from Rexway Drive to Delrex Boulevard in Halton Hills - Georgetown. Work is being coordinated with watermain replacement.	\$2,463,000	\$87,485	Ongoing
Wastewater	Halton, Region of	Wastewater Main Replacement on Selgrove Crescent	250 mm wastewater main replacement on Selgrove Crescent to/from Woodhaven Park Drive in Oakville. Due to flushing on this street every six months, it is recommended that a replacement might improve the effectiveness of the pipe.	\$1,844,000	\$0	Ongoing
Wastewater	Halton, Region of	Dewatering System Improvements at the Burlington Skyway Wastewater Treatment Plant	Upgrades needed to replace aging infrastructure, improve operational performance and reliability and to improve maintainability, reliability, and equipment access.	\$1,350,000	\$89,306	Ongoing
Wastewater	Halton, Region of	Construction of a Hauled Waste Receiving Facility at Biosolids Facility	Construction of a centralized hauled sewage receiving station is needed due to a significant change from the Georgetown Wastewater Treatment Plant.	\$3,275,000	\$0	Complete
Wastewater	Halton, Region of	Sewer Replacement in the Rexway Drive Area in Burlington	Work involves replacement of the sewers under Rexway Dr between Cumberland Ave and Woodview Rd and under MacLaren Dr between Woodview Rd and Rexway Dr. Both are concrete wastewater mains installed in 1970. These sewers are experiencing issues such as cracks, encrustation, inflow and infiltration, and flat and high water levels.	\$2,648,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Halton, Region of	Fulton St Pump Station Modifications & Forcemain Installation	The current forcemain (FM) has reached its expected service life and has started to fail. Two FMs are required to enable the decommissioning of the Milton Wastewater Treatment Plant (WWTP) and to direct flows southerly to Mid Halton. The existing FM is a polyethylene material of unknown manufacture and Halton is unable to obtain parts. Additional investigation and detail design is needed. Work involves modifications to the Fulton pump station (PS) to support this and the WWTP decommissioning.	\$4,542,000	\$0	Complete
Wastewater	Halton, Region of	Wastewater Main Replacement on Brant St and John St in Oakville	The Region is replacing 731 m of wastewater main (WWM). A 200 mm vitrified clay (VC) WWM on Brant St was installed in 1966, is in poor condition, and is being replaced. Laterals are also being replaced as part of the project. A 200 mm PVC & VC WWM on John St was installed in 1966, 1998 and 2001, is in poor condition, and is also being replaced.	\$1,497,000	\$0	Complete
Wastewater	Halton, Region of	Upgrade of Wastewater Main on Chamberlain Rd from Longmoor Dr to Turner Dr	Replacement of the deteriorating current line with a new 200 mm diameter PVC line running the length of 400 m. The line directly services 31 households and is the ultimate collection line for 71 households.	\$584,000	\$0	Complete
Wastewater	Halton, Region of	Transfer of Laterals from Easement to Existing Mains on Main St South and Park Ave	Upgrading sanitary sewer system by abandoning deteriorating wastewater mains located within backlot easements and transferring services of 8 households.	\$1,587,987	\$0	Complete
Wastewater	Halton, Region of	Relocation of Sewers Located in Backyard Easements to Existing Mains on Felan Ave and Maurice Dr	Upgrading sanitary sewer system by abandoning deteriorating wastewater mains located within backlot easements, and transferring services of 5 households.	\$1,977,756	\$781	Ongoing
Wastewater	Halton, Region of	Skyway Wastewater Treatment Plant Upgrades	Structural, mechanical and electrical upgrades for Final Clarifiers due to age and poor condition of steel internal mechanism items; RAS and drain piping upgrades at galleries associated with Final Clarifiers due to multiple breaks in the past 5 years; and mechanical upgrades associated with Aeration Tanks for better flow control during low flow period.	\$3,891,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Halton, Region of	Wastewater Main Upgrade on Mill St. W from Birchway to Park Ave.	Replacement of deteriorating asbestos cement and vitrified clay mains with 200 mm diameter PVC pipes running 830 m in length to improve service reliability. The mains directly service 47 residential and 3 industrial/commercial/institutional customers and is the ultimate collection line for 162 customers.	\$1,898,000	\$0	Ongoing
Wastewater	Halton, Region of	Replacement of Boiler Unit 1 and Hot Water Pumps at Wastewater Treatment Plant	Upgrades at Wastewater Treatment Plant to meet higher environmental standards and increase efficiency by replacing equipment that has exceeded its useful life, including the Waste Gas Burning System, Boilers 1 and 2, and Hot Water Pumps.	\$2,292,000	\$709,743	Ongoing
Wastewater	Halton, Region of	Wastewater Main Upgrade on Reynold from King to Randall St	Replacement of deteriorating vitrified clay mains with 200 and 300 mm diameter PVC wastewater mains running 420 m in length to improve service reliability. The mains directly service 13 residential and commercial customers.	\$1,401,000	\$604	Ongoing
Wastewater	Halton, Region of	Pump Station & Forcemain-PS master(BUR)	Expansion and renewal of the Pump Station to consolidate five out of eight pumping stations into one through the construction of a new deep sewage pumping station, a new forcemain and new local sewers. This project replaces aging infrastructure, accommodates intensification as well as improves operation/efficiency of the Burlington East system.	\$1,113,000	\$0	Ongoing
Wastewater	Halton, Region of	Upgrade of Grit Removal System at Oakville SE Wastewater Treatment Plant	Upgrading the aging Grit removal system at the Oakville South East Wastewater Treatment Plant. Installing a grit conveyor and clarifier system to provide the capability for continuous dewatering, reducing odour issues during cleaning, and lessening the exposure of Plant staff to unsanitary and labour intensive working conditions during cleaning.	\$9,463,000	\$0	Complete
Wastewater	Halton, Region of	Replacement of Wastewater Main on Speers from Warminster to Morden	Replacing a 300 mm Wastewater Main (WWM) on Speers Road from Warminster Drive Easement to Morden Road due to multiple fractures and a deformed sewer installed in 1957. Wastewater Lateral replacement on Speers Road from 570m West of Third Line to Fourth Line	\$4,624,000	\$197,875	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Halton, Region of	Oakville South East Wastewater Treatment Plant Upgrades	Replacement of chain & flight gear boxes for primary clarifiers in plant 1&2. Replacement of the mechanical bar screen chains and sprockets. Replacement of scum pumps and refurbishment of scum pump troughs.	\$602,000	\$0	Ongoing
Wastewater	Halton, Region of	Georgetown Wastewater Treatment Plant Upgrades	Replacement/refurbishing of Travelling Bridges, Primary Tanks and Screening Building (Bar Screens, Washer/Compactor, HVAC, Electrical etc.) in Plant B.	\$5,499,000	\$0	Complete
Wastewater	Hamilton, City of	Backflow Prevention for Various Facilities	To establish compliance with City Bylaw No 10-103 respecting the Prevention of Backflow into Water Distribution System. This is an ongoing multi-year project. Due to funds not approved in 2012, the city is behind the compliance deadline. Between 2016-2021 the remainder of the sites are completed or underway, with high hazard sites completed first followed by moderate sites. This is a city wide project with 50 moderate sites addressed in 2020.	\$1,266,000	\$13,302	Ongoing
Wastewater	Johnson, Township of	Cleaning of Sewer Lagoon	Johnson Township has 2 Sanitary Sewer Lagoons servicing the Hamlet of Desbarats. They are an integral part of the Water and Sewer System. It was discovered that the lagoons were very nearing their capacity as they had not been cleaned for over 40 years. Prepping for, and doing the most environmentally friendly lagoon cleaning option by cleaning them into vary large bags and then allowing the liquid to drain back into the lagoons.	\$58,985	\$58,985	Complete
Wastewater	Lakeshore, Municipality of	Expansion of the Denis St Pierre Wastewater Treatment Plant	The main objective is to provide increased capacity within the Denis St. Pierre Wastewater System servicing the Belle River and Maidstone communities. There is an increase in demand for development and additional treatment capacity is required.	\$30,000,000	\$2,561,421	Ongoing
Wastewater	Latchford, Town of	Flushing Sewers and Camera`ing Watermains	This project involves the inspection of waterlines and flushing of sewer lines to identify possible leaks and water/wastewater management concerns.	\$5,880	\$5,880	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	London, City of	Sanitary Sewer Rehabilitation at Three Locations in the City	Replacement of approximately 990 m of existing sanitary sewers and appurtenances, and installation of approximately 790 m of new sanitary sewers and appurtenances along Burlington Street, Wortley Road and Brydes/Swinyard/Muir. Work involves full road reconstruction, water services, boulevards and construction of new curb and gutter.	\$14,118,487	\$2,250,000	Ongoing
Wastewater	London, City of	Sanitary Sewer Rehabilitation at Four Locations in the City	Replacement of approximately 5,500 m of existing sanitary sewers and appurtances, and installation of approximately 80 m of new sanitary sewers and appurtances along Egerton St/Hamilton Rd/Trafalgar St, Churchill Ave/Winnipeg Blvd/Wavell St, Spruce St/Haig St, and Devonshire Ave (Phase 2). Work involves full road reconstruction, water services, boulevards and construction of new curb and gutter.	\$11,619,114	\$4,219,405	Ongoing
Wastewater	London, City of	Sanitary & Storm Sewer Rehabilitation at Five Locations in the City	Replacement of approximately 4,000 m of existing sanitary sewers and appurtances, and installation of approximately 1,000 m of new sanitary sewers, storm sewers and appurtances along Egerton St/Brydes St/Pine St, Chippendale Cres (Phase 1), Churchill Ave, Spruce St, and Devonshire Ave (Phase 1). Work involves full road reconstruction, water services, boulevards and construction of new curb and gutter.	\$14,729,993	\$366,444	Ongoing
Wastewater	Markham, City of	West Thornhill Flood Control Implementation	This project involves about 1.8 km of storm sewer replacement (Phase 4A) in the Thornhill area based on the Thornhill Stormwater Flood Remediation Class A environmental assessment. Work will upgrade the existing storm sewer pipes to accommodate a 100 year storm event.	\$15,655,900	\$2,000,000	Ongoing
Wastewater	Markham, City of	Stormwater Management Pond Cleaning	Sediment removal from two storm water management ponds - one located east of Angus Glen Community Centre, and the other located east of Roxbury Park.	\$630,568	\$52,931	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Markham, City of	Inspection and Cleaning of Oil-Grit Separator Units	This project is for the inspection and cleanout of approximately 30 oil-grit separator units. Oil grit separators are structures that remove pollutants from storm water run-off prior to storm water being discharged downstream, thereby preventing the build-up of oil and sediment into waterbodies and the natural environment, and helping to reduce the release of pollutants to the environment.	\$219,800	\$35,596	Ongoing
Wastewater	Markham, City of	Storm Sewer Pipe Rehabilitation	Deficient sections of storm sewer pipe were identified by CCTV inspections. The City is rehabilitating 701 m of this deficient pipe (with diameters ranging from 375 mm to 900 mm).	\$645,100	\$0	Ongoing
Wastewater	Markham, City of	Storm Water Management Pond Sediment Removal	To remove sediment from two storm water management ponds.	\$1,094,200	\$704,452	Ongoing
Wastewater	Markham, City of	Flood Control Implementation in West Thornhill	To upgrade 1.6 km of the storm sewer system in the West Thornhill area to a 100 year level.	\$10,868,900	\$0	Ongoing
Wastewater	Markham, City of	Cleaning Sediment from Stormwater Management Ponds	This project includes sediment cleaning and rehabilitation of six stormwater management (SWM) ponds. Sediment cleaning maintains the downstream water quality, preserves the fish habitat and contributes to a sustainable healthy ecosystem that is in line with City's Greenprint initiative. It also helps in retaining the original design functionality of the pond.	\$3,050,984	\$208,667	Ongoing
Wastewater	Markham, City of	West Thornhill Flood Control Implementation	This project involves about 3.7 km of storm sewer upgrades in the Thornhill area based on the Thornhill Stormwater Flood Remediation Class A EA study. Existing storm sewer pipes are being upgraded to accommodate a 100 year storm event.	\$110,800,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Mattawa, Town of	Turcotte Park Road Drainage Outlet Project	This project will improve storm water drainage from Turcotte Park Road. There have been many developments in this area in the last ten years including a new hospital, long-term care home, and 12-unit seniors complex. This project will address overland drainage in the area and provide draining to an existing outlet (storm sewer). Work involves improving and installing culverts to eliminate scouring and improve the flow of storm water to the Mattawa River.	\$70,000	\$0	Complete
Wastewater	McGarry, Township of	Virginiatown Collection and Distribution Upgrades	Work involves replacing approximately 650 m of water main, approximately 650 m of sewer pipe, fire hydrants, valves, manholes, and associated equipment. In addition, storm water connections along Connell Avenue are being investigated and upgraded or rehabilitated as required, and approximately 3 km of sewer pipe are being assessed.	\$2,356,033	\$0	Ongoing
Wastewater	McGarry, Township of	Water and Sewer System Upgrades	The Township purchased and installed a jockey pump, starter for the pumping station, and a transfer switch as these needed to be replaced to ensure the pumping station continues to function properly and efficiently.	\$41,313	\$41,313	Complete
Wastewater	Meaford, Municipality of	Boucher Street East Sewer Replacement	Sewer replacement on Boucher Street East. GT funds were utilized for the preliminary design of the aging and failing wastewater infrastructure to be replaced, which included topographical survey, development of construction drawings and preliminary opinion of cost. Road, water, storm water, and sidewalk infrastructure were also addressed in this project.	\$317,000	\$0	Ongoing
Wastewater	Meaford, Municipality of	Replacement of sanitary sewer on Gray Avenue	Replacement of sanitary sewer on Gray Avenue. Gas Tax funds are used for the engineering, design, and a topographic survey.	\$192,200	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Mississauga, City of	Storm Drainage - Erosion Control and Flood Protection	Stormwater projects to renew and improve various facilities to provide flood protection and mitigate risk to property and infrastructure. Projects include the construction of watercourse erosion control works along Applewood and Sawmill Creeks, design of culvert improvement and flood berming protection works along Cooksville Creek, dredging accumulated sediment of a stormwater management pond and the design of an underground flood storage facility under Eastgate Park.	\$7,799,251	\$37,577	Ongoing
Wastewater	Muskoka, District Municipality of	Sanitary Sewer Replacement on David St in Gravenhurst - First St to Bethune Dr	Replacement of existing 250 mm sanitary sewer with 140 m of new 250 mm PVC sanitary sewer. Work includes replacement of two (2) maintenance/drop structures, approximately six (6) service laterals, and associated surface restoration.	\$264,000	\$7,773	Ongoing
Wastewater	Muskoka, District Municipality of	Upgrade of the Huntsville Golden Pheasant Wastewater Treatment Plant	The Golden Pheasant wastewater treatment plant is being upgraded to accept flows from the Mountview wastewater treatment plant. Work involves the expansion and addition of process tankage, upgrade and additions of UV disinfection systems, addition of waste-activated sludge thickening systems, replacement of inlet works systems, and conversion from coarse aeration to fine bubble diffusion system (including replacement of blower and aeration equipment). Tertiary filtration is also being replaced.	\$20,833,000	\$966,992	Ongoing
Wastewater	Muskoka, District Municipality of	Port Severn Sewage Treatment Plant Upgrade	Upgrade wastewater treatment plant and pumping station systems to ensure both continue to effectively treat wastewater at current rated capacities. Upgrades involve the replacement of aging mechanical equipment and instrumentation devices and refurbishment of coatings.	\$1,097,700	\$87,206	Complete
Wastewater	Muskoka, District Municipality of	Design & Construction of Mountview SPS & Forcemain from Mountview to Golden Pheasant	Design and construction of the new Mountview Sewage Pumping Station (SPS), and forcemain (FM) from the new Mountview SPS to Golden Pheasant WWTP.	\$20,192,000	\$15,984	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Muskoka, District Municipality of	Bala Sewage Treatment Plant Upgrade	Replacement of magnetic flow meters, instrumentation upgrades, process equipment rehab and replacement, as well as supervisory control and data acquisition hardware replacement. This project is for the rehabilitation of equipment as identified in our Asset Management Plan.	\$3,192,200	\$0	Complete
Wastewater	Newbury, Village of	Newbury Wastewater System Equipment Replacement	Failing grinder pumps at the Wastewater Treatment Plant needed to be replaced, and a new probe for testing effluent was needed.	\$28,997	\$28,997	Complete
Wastewater	Niagara, Region of	Niagara Falls WWTP Secondary Treatment Upgrade	Construction of secondary treatment upgrades at the Niagara Falls Wastewater Treatment Plant (WWTP). Phase 1 includes new Moving Bed Biofilm Reactor treatment, repairs to the primary clarifiers, upgrades to the primary treatment coagulation system, demolition of the Rotating Biological Contactors facility, new aeration blower system and blower building, upgrades to the secondary treatment coagulation and flocculation system, secondary clarifier upgrades, new chlorine contact tank, etc.	\$49,100,000	\$2,328,144	Ongoing
Wastewater	Niagara, Region of	Port Dalhousie Wastewater Treatment Plant Upgrade	Phase 1 upgrades to the Port Dalhousie Wastewater Treatment Plant including existing distribution chamber modifications, new aeration tanks, new blower building, primary effluent chamber extension, new generator, and yard piping.	\$39,500,000	\$2,648,419	Complete
Wastewater	Norfolk, County of	Port Dover WPCP Upgrades	Major upgrades to the Port Dover Water Pollution Control Plant (WPCP), including aeration system and blowers, headworks, chlor/dechlor disinfection, installation of equalization tank, installation of standby generator and replacement of onsite pumping station.	\$9,300,000	\$26,343	Ongoing
Wastewater	North Grenville, Municipality of	Sanitary Main Replacement on County Road 44	The Municipality replaced 344 m of an existing sanitary main on County Road 44.	\$751,674	\$605,260	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	North Huron, Township of	Blyth Creek Storm Drain Upgrade	The Blyth Storm Creek Drain project will be completed in phases over several years and will involve upgrading storm drainage from a 30" tile to 64" tile to service the greater part of the Village of Blyth. This project is critical to mitigate storm water issues during heavy rainfall.	\$2,000,000	\$0	Ongoing
Wastewater	North Middlesex, Municipality of	Construction of the Parkhill Wastewater Treatment Plant	Construction of a new wastewater treatment plant to replace the sewage lagoon which is at capacity. Work involves design and engineering of the plant, conversion of a portion of an existing single cell of the lagoon system into a primary holding lagoon and peak day demand surge lagoon, and design and construction of a headworks facility, aeration facility, secondary clarification system, and tertiary filtration system as well as UV disinfection system.	\$18,000,000	\$583,593	Ongoing
Wastewater	Oakville, Town of	Munn's Creek - Erosion Mitigation	Munn's Creek was identified as a result of an assessment study and two inspections. Many portions of the creek are at risk of failure. Work includes installation of a combination of hard engineering (armourstone) protection and vegetative/habitat structures to both protect and enhance the creek corridor. The expected result is approximately 400 m of improved creek corridor infrastructure with reduced risk of erosion, improving drainage for approximately 40 homes.	\$1,465,449	\$890,624	Ongoing
Wastewater	Oakville, Town of	Construction of Maplehurst Storm Sewer - South of Bridge Road to Shaw Street	Construction of new trunk storm sewer system along Maplehurst Drive from south of Bridge Road to Shaw Street. The project also includes a new storm sewer on Shaw Street and a new inlet to partially intercept flows from the drainage channel south of Bridge Road. The new storm sewer will improve drainage in the area by intercepting flows via ditch inlet catch basins from the municipal ditch system that is currently challenged by flat gradients and will also reduce downstream flood risks.	\$4,875,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Oakville, Town of	Flood Mitigation - Minor Works	The Stormwater Master Plan identified minor works deemed beneficial to advance in select areas of the community to improve drainage function and reduce flood exposure. These works include the installation of inlet control devices in street storm catch basins to reduce the potential for basement lateral flooding, increasing flow capacity to the storm sewer system to mitigate localized ponding, and improving inlet grates to reduce the potential for debris blockages that can result in flooding.	\$1,600,000	\$83,524	Ongoing
Wastewater	Oshawa, City of	Storm Water Management Pond Cleaning	A Storm Water Management (SWM) pond is engineered and designed to control the quantity and quality of storm water prior to its discharge into the local water course to reduce the impacts of development on the watershed. It has been identified through regular inspections that an excessive amount of sediment builds up in the cell of the ponds. The ponds must be cleaned in order to function properly and improve water quality. This project will fund the cleaning of two ponds.	\$574,716	\$431,812	Complete
Wastewater	Oshawa, City of	Storm Water Management Pond Cleaning	A Storm Water Management (SWM) pond is engineered and designed to control the quantity and quality of storm water prior to its discharge into the local water course to reduce the impacts of development on the watershed. It has been identified through regular inspections that an excessive amount of sediment builds up in the cell of the ponds. The ponds must be cleaned in order to function properly and improve water quality. This project will fund cleaning of one pond located on Cedar Valley Blvd.	\$218,525	\$25,990	Complete
Wastewater	Pembroke, City of	Pollution Control Centre - Digester Rehabilitation	Rehabilitation of the Pembroke Pollution Control Centre's three digesters. The project involves emptying and disposing of digester contents, cleaning of the digesters, internal inspection and gas proofing of at least one digester. The project also includes addressing various condition related items consisting in part, of a new digester roof, new gas extraction arm, and the implementation of three new inline sludge grinders.	\$2,806,397	\$27,812	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Powassan, Municipality of	NOAH Sewer Line Extension	This project extended the municipality's wastewater system to the site of a new 50-unit senior's residence.	\$270,159	\$270,159	Complete
Wastewater	Quinte West, City of	Construction of Snow Management Facility	The project scope is to construct an asphalt pad and storm water components with the capacity to handle all of the City's snow removal operations. The construction will allow the City to have a facility that can properly treat all runoff from the excess snow stockpile, eliminating any negative environmental impacts.	\$1,578,908	\$171,553	Complete
Wastewater	Sables-Spanish Rivers, Township of	Massey Storm Sewer Outfall Replacement	Problems with settling and/or erosion of storm sewers have been experienced in the storm sewer outlet location in the Town of Massey (now part of the Township of Sables-Spanish Rivers). This is causing the infrastructure to fail. The project involved the replacement of the outfall structure and also the replacement of the same size pipes and manholes at the outlet site.	\$315,769	\$288,115	Complete
Wastewater	Sables-Spanish Rivers, Township of	Massey Storm Sewers Replacement	Problems with settling and/or erosion of storm sewers have been experienced in the Town of Massey (now part of the Township of Sables-Spanish Rivers). This is causing the infrastructure to fail. This project involves the replacement of existing storm sewers along Queen Street (for 30 m), Imperial Street (for 20 m) and Aberdeen Street (for 80 m) with pipes of the same size (750 mm in diameter along Queen Street and 300 mm in diameter along Imperial Street and Aberdeen Street).	\$210,299	\$0	Complete
Wastewater	Sarnia, City of	Water Pollution Control Centre Improvements	Various capital upgrades at the water treatment plant to address redundant end of life assets. Work involves backup generator sizing, engineering and replacement, SCADA system replacement, and the replacement of four raw sewage flow meters.	\$1,600,000	\$341,605	Ongoing
Wastewater	Sault Ste. Marie, City of	Farwell Terrace Aqueduct Rehabilitation	The work generally consists of removal and reconstruction of selected segments of the small aqueduct on Farwell Terrace including restoration of surface features.	\$643,356	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Schreiber, Township of	Wastewater Treatment Plant Upgrade	The project is designed to provide the municipality with information regarding compliance with Regulation (WESR) SOR/2012-139 as a first step. This first phase of the project will provide the municipality with options regarding infrastructure upgrades to the current dechlorination system in order that the process meets the Regulation regarding the quality of effluent discharged into the natural environment so that it will not negatively impact recreational use of waterways or aquatic life.	\$24,664	\$0	Ongoing
Wastewater	St. Catharines, City of	St David's Rd./Townline Storm Sewer Construction	City share of storm sewer construction in conjunction with Thorald Road reconstruction. Project is on Townline Road West from Leeson St to Bradley Street and on St. Davids Road from Burleigh Hill Drive to Leeson Street.	\$250,000	\$16,571	Ongoing
Wastewater	St. Catharines, City of	Russell/Woodland Storm Sewer Improvements	Construction of storm sewers (in conjunction with watermain, sewer and road works) on Russell Avenue (between McGhie Street and Geneva St) and Woodland Avenue (between Maple Street and Russell Avenue). This project will reduce the probability of sewer failure and ensure the continued delivery of reliable service to the community.	\$750,000	\$476,862	Ongoing
Wastewater	St. Catharines, City of	Storm Sewer Construction on St Paul St West (RR#81)	Construction of new storm sewer for combined sewer separation, being completed in conjunction with bridge replacement. The project is located on St Paul St West between Merigold Street and St Paul Crescent. The project will reduce the probability of basement flooding and improve the quality of combined sewer overflow discharge.	\$135,000	\$0	Ongoing
Wastewater	St. Catharines, City of	Sanitary Sewer Replacement on St Paul St West (RR#81)	Replacement of sanitary sewer sections (in conjunction with underground upgrades, road works and bridge replacement) on St Paul St West (RR #81) from Merigold Street to St Paul Crescent. This project will reduce the probability of sewer failure and ensure the continued delivery of reliable service to the community.	\$450,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	St. Catharines, City of	Storm Sewer Reconstruction on St David's Rd	Upgrade of storm sewer sections (along with watermain and Regional roadworks) on St. David's Road between Highway 406 and Burleigh Hill Drive. The project is required to provide storm sewers aligned with new road grades.	\$112,000	\$104,630	Ongoing
Wastewater	St. Catharines, City of	Sanitary Sewer Replacement on St David's Rd	Replacement of sanitary sewer sections (along with watermain and Regional roadworks) on St. David's Road between Highway 406 and Burleigh Hill Drive. The project will reduce the probability of sewer failure and allow for the continued delivery of reliable sanitary service to the community.	\$485,000	\$0	Ongoing
Wastewater	St. Catharines, City of	Sanitary Sewer Replacement on Terry Lane	Sanitary sewer replacement in conjunction with watermain and road works on Terry Lane from Shelley Ave to Graham Avenue.	\$222,000	\$0	Ongoing
Wastewater	St. Catharines, City of	Sanitary Sewer Replacement on Burness Dr	Replacement of sanitary sewers in conjunction with watermain replacement works on Burness Dr from Ferndale Avenue to Alexandra Boulevard.	\$1,043,000	\$0	Complete
Wastewater	St. Catharines, City of	Hartzel Rd Storm Sewer Replacement	Replacement of existing storm sewers with identified deficiencies to reduce surface flooding on Hartzel Rd from approximately 100 m south of Queenston Street to approximately 100 m north of Lincoln Avenue.	\$517,936	\$0	Complete
Wastewater	St. Catharines, City of	Storm Sewer Construction on Rodger Street and Sharon Street	Installation of storm sewers to alleviate surface flooding on Sharon Street and Rodger Street.	\$817,000	\$0	Complete
Wastewater	Stratford, City of	Replacement of Retaining Walls on Roadhouse Drain	Repair and replacement of 190 m of collapsing retaining walls for the Roadhouse Municipal Drain between Huron Street and Hibernia Street. Work involves temporary measures to shore up the walls, geotechnical and structural reviews, design of the ultimate replacement structures, and compliance with the Drainage Act.	\$2,500,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Temagami, Municipality of	North Temagami Lagoon Rehabilitation	The North Temagami Lagoon, originally constructed in 1968, is in need of rehabilitation to ensure continued quality of the surrounding bodies of water. The lagoon system is replaced with an automated sewer plant and the resulting effluent is treated through a UV-filtration system to ensure there are no harmful qualities to the fluid being returned to the surrounding water systems. The Amended ECA is expected to be received shortly.	\$2,200,000	\$29,998	Ongoing
Wastewater	Thorold, City of	Storm Sewer Improvements on Lynn Crescent	Lynn Crescent is a semi-urban dead end street that had persistent drainage issues with building faces close to the road. To correct the issue, the existing road surface is being removed, the base is being lowered and graded, a roll over curb is being created, a storm sewer outlet in the ditch is being installed, and new storm pipe and a new swale for the road are being put in place. This work will correct flooding and draining issues for the community.	\$213,540	\$98,000	Ongoing
Wastewater	Thorold, City of	Storm Sewer Installation on St David's Rd (406 To Collier Rd)	St. David's Road is being reconstructed from the 406 to Collier Rd. Work involves the installation of storm sewers and multi-use trail.	\$771,000	\$0	Ongoing
Wastewater	Thunder Bay, City of	New Storm Sewer on Heath Street and Drainage Relief on Ambrose Hill	The City is installing 49 m of new storm sewer and four catch basins on Heath Street to correct local drainage problems in conjunction with road base repairs and paving. The City is also installing 41 m of storm main on Ambrose hill to provide drainage relief.	\$165,576	\$46,523	Ongoing
Wastewater	Thunder Bay, City of	Installation of Stormwater Treatment Structures	Design & installation of storm drainage improvements, including new catch basin and storm sewer systems. These projects relate to 0.68km of new storm sewer design & installation.	\$144,610	\$3,877	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Thunder Bay, City of	Reconstruction of Miles and Court Streets	This project involves reconstruction and installation of 165 m of new storm water sewers on Miles Street and 200 m of new storm sewers on Court Street. The work provides 11 houses on Miles Street and 23 houses on Court Street with access to new storm sewers.	\$385,336	\$0	Complete
Wastewater	Thunder Bay, City of	Storm Sewer and Water Infrastructure Renewal on Winnipeg Avenue	This project involves the renewal of 210 m of storm sewer from Beverly Street to Inchiquin Street on Winnipeg Avenue, along with the subsequent replacement of 260 m of road.	\$424,682	\$0	Complete
Wastewater	Thunder Bay, City of	Empress Ave Storm Sewer Replacement	Extension of the Empress Ave storm sewer by 400 m to deal with peak rainwater flows and minimize damage and risk to infrastructure and residential properties. Also included is a new outfall structure with a "green" storm water treatment device: a bio-retention Low Impact Development facility within the parking lot. The facility is designed to treat a drainage area of 3,200 sq. m, store 252 cu. m, and treat an annual runoff volume of approximately 2,065 cu. m/yr.	\$1,755,239	\$0	Complete
Wastewater	Timmins, City of	Sewer Lining and Manhole Rehabilitation	The City lined 4,925 m of sanitary sewer and rehabilitated manholes. Work eliminated an estimated 7.88 L/s of infiltration into the system.	\$1,170,234	\$1,000,000	Complete
Wastewater	Vaughan, City of	Storm Water Management Pond Improvements	Hydraulic/flooding analysis and associated construction costs for improvements to the pond; design and construction to retrofit pond with water quality components; removal of excessive sediments required to mitigate the impacts on the downstream receiving watercourse; and ensure that adequate storage is maintained in the storm water management facilities at all time.	\$1,045,000	\$0	Ongoing
Wastewater	Vaughan, City of	Design and Construction of a Storm Water Management Facility for Gallanough Park	Design and Construction of a Stormwater Management Facility and associated underground infrastructure in Gallanough Park to alleviate flooding issues in the Thornhill Heritage Conservation District.	\$1,604,616	\$242,941	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Wastewater	Wawa, Municipality of	Installation of Grate at Sewage Lagoon Outfall	This project includes installing a grate at the sewage lagoon outfall. The main objective of this project is to prevent additional heavy equipment required and costs related to annual clearing of wood and debris from outfall between polishing ponds at the sewage lagoons.	\$10,104	\$0	Ongoing
Wastewater	Welland, City of	West Main Street Area Reconstruction	The project takes place in the area bounded by Niagara St. to the east, Prince Charles Drive to the west, West Main St. to the south and the Welland River to the north. Phase 1 involves the construction of new sanitary sewers, the replacement of watermain and the reconstruction of City roadways. The objective is to reduce combined sewer overflows and extend service life. Approximately 595 m of sanitary sewer and watermain are being replaced, including 1.2 lane-km of roads.	\$3,662,000	\$0	Ongoing
Wastewater	White River, Township of	Water & Wastewater Infrastructure Expansion	The Township is expanding water and wastewater infrastructure to provide water and wastewater services to ten properties.	\$265,000	\$80,243	Ongoing
Water	Burlington, City of	Reconstruction of Rexway Drive	Rexway Drive is being reconstructed to improve clean drinking water for local residents. This project includes full watermain and water service replacement (shared funding with Halton Region) and complete curb, sidewalk, and asphalt replacement (funded by the City) on Rexway Drive from Woodview Drive to Walkers Line.	\$11,104,800	\$793,016	Ongoing
Water	Centre Hastings, Municipality of	Marmorata Street Water/Wastewater Rehabilitation	This project involves the replacement of 200 m of 200 mm asbestos cement sewer piping with 200 mm PVC piping, as well as the replacement of 225 m of 150 mm cast iron water piping to 200 mm PVC piping. The investment also includes road widening, sidewalk widening, and curb and gutter rehabilitation. □ Marmorata Street is currently a dead-end street that leads to a large parcel of land for future development. Rehabilitating Marmorata Street will assist in accommodating future growth.	\$500,000	\$188,301	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Chapleau, Township of	Water Treatment Plant HLP Header Replacement	The project involves the replacement of process piping, valves and fittings and the construction of a new bypass line which will allow for improved plant isolations when future maintenance requirements arise. The piping and valves were commissioned in 1976 with the opening of the water treatment plant. In 2020, some exterior degradation of the piping was observed. Our consulting engineer carried out a review and recommended replacement of the assets involved.	\$430,726	\$119,760	Complete
Water	Chapleau, Township of	Reconstruction of Elm St and Queen St	The project consists of replacing all linear infrastructure along Elm Street from Dufferin to King Street and along Queen Street from Elm Street northerly 110m. The project also includes the extension of an existing watermain along Queen Street from 90m south of Elm Street to Elm Street. The watermain extension creates a loop in the system to eliminate a problematic dead end main that has chronic water quality problems.	\$2,161,490	\$124,577	Complete
Water	Clarence-Rockland, City of	Watermain Replacement - Laurier Street	The watermain on Laurier Street between Giroux St and Simoneau St in Rockland, which is approximately 900 m long, is in need of replacement. It is in a very bad condition and has reached the end of its useful life with an approximate age of 50-60 years. Due to its age, city staff have frequently repaired unexpected and costly breaks.	\$2,913,765	\$0	Ongoing
Water	Cobalt, Town of	Water Treatment Plant Upgrades	The water plant is being upgraded to provide adequate pressure, flow and storage to Cobalt's water distribution system and to the elevated storage tank. The pvc piping on filter columns #1 and #2 will be upgraded to stainless steel to improve turbidity and reduce backwash time as the filters are now clogging up. Upgrades to the backwash valve integration and reporting package will also be done. The foot valve will be upgraded to accommodate the larger upgraded pumps.	\$2,114,111	\$53,260	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Emo, Township of	Extension of Water Mains	This project includes three watermain extensions, including a new large diameter watermain extension at Queen Street, at the west end of town to protect the hospital and elder complex and at the east end of town for the existing and new school. This project also includes enhanced crossings of the CNR and Highway to eliminate inefficient deadends in the existing system and looping of watermain lines to eliminate stagnate and potentially unsafe water.	\$3,375,841	\$0	Complete
Water	Espanola, Town of	Reconstruction of Mead Blvd and Bass Lake Road	Reconstruction of 1.0 km of Mead Boulevard and 500 m of Bass Lake Road, southerly from Queensway Avenue. Reconstruction addresses aging infrastructure and includes the replacement of existing watermain with new 400 mm watermain along the reconstructed section of Mead Boulevard and Bass Lake Road.	\$6,276,600	\$1,389,778	Ongoing
Water	Gananoque, Separated Town of	Pine St Reconstruction	Full replacement of water and wastewater linear pipes from the western end of Pine St to the intersection with William St.	\$3,130,534	\$463,662	Complete
Water	Haldimand, County of	Cayuga Cast Iron Watermain Replacements	Approximately 1,868 m of cast iron watermain is being replaced. Work involves the replacement of the existing 100 mm cast iron water main and services with a new 50 mm water main and services. The replacement will enhance residential water quality and improve fireflow.	\$1,305,100	\$5,281	Complete
Water	Haldimand, County of	Elevated Water Storage Tank Replacement on Kinross St	New elevated water tanks are being designed and constructed - and the existing standpipe is being decommissioned and demolished - to increase pressure and meet fire flow regulatory requirements on Kinross Street in Caledonia.	\$8,238,400	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Haldimand, County of	Efficiency Upgrades at the Dunnville Water Treatment Plant	Filter Efficiency Improvement. Installation of new underdrain system. Installation of air scour piping. SCADA programming. Filters 3, 4 and 5 already upgraded. Improves cleaning and reduces the number of required backwashes, which in turn uses less water and sends less water into the WWTP. Also provides for longer filter runtimes and aids in ensuring compliance.	\$408,000	\$0	Ongoing
Water	Halton, Region of	Washburn Pump Station and Reservoir Upgrades	Installation and/or replacement of electrical, plumbing, and structural components to improve the safety and efficiency of the Washburn Pump Station and Reservoir.	\$6,220,000	\$2,000,000	Ongoing
Water	Halton, Region of	Watermain Replacement on Third Line from McDonald Blvd to Acton Reservoir	Replacement of 300 mm watermain on Third Line from McDonald Blvd to Acton Reservoir in Acton (Halton Hills). The existing watermain was originally installed between 1958 and 1970 and has had four breaks.	\$9,254,000	\$2,960,201	Ongoing
Water	Halton, Region of	Watermain Replacement on Prince Charles Drive	200 mm watermain replacement on Prince Charles Drive from Windsor Road to Delrex Boulevard in Halton Hills - Georgetown. Replacement is required due to aging infrastructure and watermain breaks.	\$2,586,000	\$0	Ongoing
Water	Halton, Region of	Watermain Replacement on James Street	300 mm watermain replacement on James Street from Martha Street to Brant Street in Burlington. Replacement due to aging infrastructure and local road reconstruction.	\$1,000,000	\$0	Ongoing
Water	Halton, Region of	Watermain Replacement on Canterbury Drive	150 mm watermain replacement on Canterbury Drive from Kerns Road to Tyandaga Park Drive in Burlington in coordination with local works.	\$2,972,000	\$0	Complete
Water	Halton, Region of	Watermain Replacement on Green Meadow Drive	150 mm watermain replacement on Green Meadow Drive to/from Heather Hills Drive in Burlington. Replacement due to watermain breaks and coordination with local works.	\$1,867,000	\$0	Complete
Water	Halton, Region of	Watermain Replacement on Belvenia Road	200 mm watermain replacement on Belvenia Road from New Street to Longmoor Drive in Burlington. Replacement due to watermain breaks and coordination with local works.	\$2,227,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Halton, Region of	Watermain Replacement on Lomond Crescent and Ayr Place	Replacement of 150 mm watermain over the full length of Lomond Crescent and Ayr Place in coordination with local works.	\$1,588,000	\$0	Ongoing
Water	Halton, Region of	Membrane Filtration Upgrade at Burloak Water Purification Plant	The Burloak Water Purification Plant is equipped with 600 mm pneumatically actuated butterfly valves. Leakage has been experienced after only a few years of service and valve replacements are typically carried out every 6 to 24 months for a given valve. The Region is therefore replacing the valves with high performance valves with an offset disc/stem design.	\$5,550,000	\$88,108	Ongoing
Water	Halton, Region of	Construction of New Watermains on Hornby Line and Sixth Line (North of Steeles)	Installation of new watermains to service residents on Hornby and Sixth Lines (2,149 m).	\$3,700,000	\$159,239	Ongoing
Water	Halton, Region of	Upgrades to Cedarvale Well Houses in Georgetown	Construction of a new standby power generator and appurtenances.	\$356,000	\$0	Ongoing
Water	Halton, Region of	Watermain Replacement on Ontario St South in Milton	Replacement of the watermain on Ontario St (between Parkway Dr East and Laurier Ave) in Milton. The watermain was built prior to 1970 with an unknown material. There has been one break and operational issues with this main.	\$3,003,000	\$74,059	Ongoing
Water	Halton, Region of	Watermain Replacement in the Rexway Drive Area in Burlington	Watermain replacement on 14 streets in the Rexway Drive area in Burlington to address aging infrastructure (2,920 m). Existing watermains vary in age from 49 years to 60 years of age, and breaks have been recorded on each street.	\$8,317,000	\$0	Ongoing
Water	Halton, Region of	Burlington Water Purification Plant Capital Replacements and Rehabilitation	Work involves replacement of the existing ozone liquid tank, structural rehabilitation of the filter building (to address the filter, clearwell concrete rehabilitation and cementitious coating), upgrades to the high and low lift pump station, and the replacement of two 75 mm HDPE chlorine solution lines within the intake structure.	\$16,313,000	\$4,599,507	Ongoing
Water	Halton, Region of	Watermain Replacement on Longmoor Dr from North of the Hydro Corridor to Appleby Line	Watermain replacement due to breaks in Cast Iron and Asbestos-Cement Watermains aged 44-51 years.	\$2,292,251	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Halton, Region of	Watermain Replacement on Sinclair Ct, Alconbury Cr, and Previn Crt	Replacement of various aging and deteriorating cast iron, ductile iron and asbestos cement watermains with new 150, 200 and 300 mm PVC mains running a total of 4.2 km to improve service reliability. The mains service 490 residential customers and have collectively experienced 42 watermain breaks.	\$4,221,000	\$2,030	Ongoing
Water	Halton, Region of	Princess Anne Well Replacement (Georgetown)	This project involves modifications to integrate the new standby well into the existing treatment system. The project includes a new pump house building, pumping equipment, raw watermain, chlorination and chemical system upgrades.	\$5,710,000	\$0	Complete
Water	Halton, Region of	Watermain Upgrade on Trafalgar Road (Leighland to Upper Middle Road)	Replacement of aging ductile iron pipes with 300 mm diameter PVC watermain running 1.6 km in length to improve service reliability. This main provides critical network looping to service ICI and residential customers, including Sheridan College Campus.	\$3,928,000	\$0	Ongoing
Water	Halton, Region of	Rehabilitation of 500 mm Watermain - Rebecca St Bridge	Rehabilitation of a deteriorating 500 mm diameter asbestos cement watermain running the length of 100 m across the Sixteen Mile Creek bridge. The main directly services three industrial/commercial/institutional customers and is operationally critical as one of two transmission mains that crosses Sixteen Mile Creek to service south-east Oakville.	\$3,779,274	\$0	Ongoing
Water	Halton, Region of	Watermain Upgrade on Speers from Bronte Rd to Procor	Replacement of a deteriorating cast iron watermain with new 300 mm diameter PVC main running 1.5 km in length to improve service reliability. The main directly services 36 commercial and industrial customers.	\$1,789,000	\$0	Complete
Water	Kincardine, Municipality of	Tiverton Standpipe - Replace Programmable Logic Control and Install New Fire Pump	To replace the booster pump for the Tiverton standpipe. Replacement will allow the full volume of the standpipe to be utilized, improving fire flows and providing the ability to meet peak flow equalization.	\$647,886	\$11,927	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Kirkland Lake, Town of	Installation of SCADA System in Water Treatment Plant	Installation of a new SCADA system in the water treatment plant. The system is needed to continue to provide quality drinking water.	\$489,000	\$0	Ongoing
Water	London, City of	Huron Street River Crossing Remedial Work	To replace the existing 600 mm trunk watermain under the Thames River between Huron Street and Philip Aziz Avenue by means of underground horizontal directional drilling at a greater depth to protect the watermain from erosion at the Thames River.	\$3,632,249	\$93,781	Ongoing
Water	Loyalist, Township of	Filter Upgrade at the Bath Water Treatment Plant	The purpose of the project is to retrofit the existing packaged water plant, with a system that is capable of a couple things. Firstly, it must be able to handle sudden and sustained increases in raw water turbidity. Secondly, it needs to allow the Bath Water Treatment Plant to meet its rated capacity of 6,000 m ³ /day while incorporating full redundancy into the treatment system (i.e. the plant should be able to meet its rated capacity with only one filter train in operation).	\$4,907,300	\$0	Ongoing
Water	Machin, Municipality of	New Vermilion Bay Water Plant	Gas Tax funds are used for a new water plant, water storage, treatment equipment, fire pumps and back up generator.	\$8,896,227	\$61,591	Complete
Water	Mapleton, Township of	Design and Construction of an Elevated Water Tank in Drayton	The work includes the design/construction of an elevated water tank with a net working capacity of 2,400 m ³ (0.53 MIG), complete with valve and chemical rooms, process piping, mechanical and electrical works, and related site works. This investment ensures that water pressure for both residential and firefighting, that were dangerously close to minimum levels, can now address current need and future growth for the next 30 years and beyond.	\$7,446,397	\$990,684	Ongoing
Water	Marmora and Lake, Municipality of	SCADA Computer System Upgrades at the Water Treatment Plant	The supervisory control and data acquisition (SCADA) system is being upgraded to improve the monitoring of water at the water treatment plant.	\$110,000	\$17,663	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Marmora and Lake, Municipality of	Granular Activated Carbon Filter System Replacement	Replacement of the granular activated carbon system in treatment train #2 to improve drinking water quality at the treatment facility. The goal is to reduce chemical use and provide more aesthetically pleasing potable water for urban residents of Marmora Village.	\$60,000	\$1,876	Ongoing
Water	Meaford, Municipality of	Watermain replacement on Grandview Drive / Ford Ave	Watermain replacement on Grandview Drive / Ford Ave. Funds were utilized for the preliminary design of the aging and undersized water infrastructure to be replaced, alongside road, wastewater, stormwater, and sidewalk infrastructure. Preliminary design included topographical survey, development of construction drawings etc.	\$1,844,000	\$0	Ongoing
Water	Muskoka, District Municipality of	Huntsville Fairyview WTP Upgrade Phase 3	Upgrade the water treatment plant to comply with the Safe Drinking Water Act and the plant Drinking Water Works permit. The building envelope and interior amenities are at end of life cycle and require upgrades to ensure the building is suitable to meet the drinking water demands and quality requirements. Installation of sodium hypochlorite system as well as filter-to-waste system, replace supernatant pump and diesel backup generator, as well as modifications to the chlorine contact chamber etc.	\$6,114,600	\$661,871	Complete
Water	Muskoka, District Municipality of	Gravenhurst Water Treatment Plant Filter Under Drains & Sedimentation	Addition of new sedimentation process. Renewal/upgrade of coagulation and flocculation process, as well as renewal of filter underdrains. Included in this project is electrical and instrumentation controls for existing and proposed work.	\$7,048,554	\$0	Ongoing
Water	Muskoka, District Municipality of	MacTier Water Treatment Plant Modifications	Update water treatment plant systems to ensure that the plant continues to effectively produce potable water at current rated capacity. These upgrades include the incorporation of a new chlorine contact chamber, replacement of aging mechanical equipment and instrumentation devices and refurbishment of coatings.	\$2,097,500	\$154,195	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Niagara Falls, City of	Portage Road Watermain Replacement	Replaced 175 m of the existing 200 mm diameter cast iron watermain with new 200 mm diameter DR18 PVC watermain, including all water services to the property line with new curb stops and new hydrants.	\$454,100	\$0	Ongoing
Water	Niagara, Region of	Water Treatment Plant Upgrades - Port Colborne	Upgrades to the Port Colborne water treatment plant involve improvements to the electrical, flocculation, settling and filter processes. Work also involves upgrades for the meeting room, blower and piping, sludge pumps, highlift pumps and many upgrades and replacements to motor control centres, instrumentation and controls. No new water pipes are being replaced as they are all upgrades.	\$8,600,000	\$8,131	Ongoing
Water	Rainy River, Town of	Fifth Street Water and Wastewater Rehabilitation	The project replaced both water distribution and wastewater collection lines for the entire length of Fifth Street (a total of 530 m).	\$2,210,750	\$100,864	Ongoing
Water	Red Rock, Township of	Water Treatment Plant Improvements	Improvements are being made to ensure the continued safe operation of our water treatment facility. Improvements involve an upgrade to the raw water check valve and a media review of the filter water piping, installation of an electrical surge protector, and a new inlet screen.	\$25,000	\$0	Ongoing
Water	Smiths Falls, Town of	Design and Construction of a New Water Tower	The Town of Smiths Falls' existing water tower has reached it's end of life. Maintenance costs are continuing to escalate and risks of failure are a concern for the town. A study was conducted and council has reviewed and approved a new location for an updated water tower that would meet our growing needs and provide adequate fire protection. This project is for the design and construction of the water tower.	\$2,685,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	South River, Village of	Replacement of Water Meters	In 2014 the Village of South River switched from a flat rate water billing model to a consumption based billing system. Water meters were installed in 427 homes and 52 businesses. Residents were educated about water conservation thus reducing the water consumption. The meters were defective; the Village is therefore replacing and upgrading every meter.	\$55,000	\$9,072	Complete
Water	St. Catharines, City of	Russell/Woodland Cast Iron Watermain Replacement	Replacement of existing cast iron watermain (in conjunction with sewer and road works) to ensure the quality of water supply to residents. The project covers Russell Avenue (between George Street and Geneva Street) and Woodland Avenue (between Maple Street and Russell Avenue).	\$1,538,818	\$737,259	Ongoing
Water	St. Catharines, City of	Replacement of Cast Iron Watermain on Burleigh Hill Dr	Replacement of existing cast iron watermain on Burleigh Hill Dr from Glendale Avenue to Warkdale Avenue in conjunction with sewer improvements and road reconstruction.	\$3,604,831	\$0	Complete
Water	St. Catharines, City of	Replacement of Cast Iron Watermain on Rendale Avenue	The replacement of existing cast iron watermain on Rendale Avenue from Dorchester Blvd to Cushman Road.	\$775,000	\$0	Complete
Water	St. Catharines, City of	McGuire Street Watermain Replacement	Replacement of 80 m of cast iron watermain in conjunction with road reconstruction of McGuire Street and Race Street.	\$2,012,988	\$0	Complete
Water	Temagami, Municipality of	Waterworks Infrastructure Upgrades	We are working to renew many of the systems critical to our waterworks infrastructure - and monitor the impact - over the next few years. These upgrades will enable us to ensure continuous service without equipment malfunctions. Upgrades were made to chemical pump panels and main control panels at the plants and waste pits and meters at the water treatment plants.	\$115,811	\$69,777	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Thunder Bay, City of	Reconstruction of Minnesota Street including Watermain, Sidewalk and Curb and Gutter	This project involves the reconstruction of underground services complete with the replacement of 390 m of an existing 85 year old watermain with corrosion issues, 450 m of new sidewalks, 340 m of sanitary sewer due to material failures, curb and gutter, street lighting and roughly 4000 m ² of paving. Numerous lead water service connections are also being replaced to the property line. Sections of storm sewer are also being replaced and improved to reduce localized flooding.	\$1,277,699	\$14,192	Ongoing
Water	Welland, City of	Construction of the Dain City Forcemain	The Region of Niagara is constructing a new sanitary forcemain on Southworth Street. As part of this project, the City of Welland is replacing 0.3 km of cast iron watermain and reconstructing 0.8 lane km of roadway.	\$460,000	\$0	Ongoing
Water	Westport, Village of	Westport Elevated Water Tower Rehabilitation	Phase 1 (2005): Potable water tower rehabilitation including steel repairs inside and out, WHMIS required upgrades and new covering applications inside and out and associated services including engineering, project management etc. Phase 2 (2006): External and Internal surface rehabilitation, including engineering modifications required by occupational health and safety upgrades.	\$497,000	\$17,898	Complete
Water	Whitchurch-Stouffville, Town of	Reconstruction of Edward Street	Replacement of 250 mm watermain along Edward St from Rupert Ave to Main St. Work includes the installation of new wastewater pipes and a new road surface.	\$3,490,000	\$39,898	Ongoing
Water	Whitchurch-Stouffville, Town of	Smart Water Meter Replacement Project	This project replaces all 12,600 water meters within the Town of Whitchurch-Stouffville with smart water meters that encourage water conservation and improve the service to residents through real time monitoring. The Town is able to alert residents to unusual water consumption to improve customer service. The Town also significantly improved system management and planning through much improved data gathering and modelling.	\$4,469,314	\$68,788	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2021	Construction Status
Water	Woolwich, Township of	Reconstruction of Union, College & Bauman Streets	Replace / extend watermain, sanitary and storm sewer, cellar drain and road structure with a total length of 354 m in conjunction with the reconstruction of Union Street, College Street and Bauman Street in Elmira.	\$4,737,056	\$0	Ongoing