



2016

The Federal Gas Tax Fund

Annual Report – Part II

Table of Contents

Compliance and Financial Audit Statements, Federal Gas Tax Fund	A	1-9
Audit Based Attestation	B	1
Municipal Compliance Audit Reports.....	C	1-44
2016 to 2018 Federal Gas Tax Fund Allocations.....	D	1-11
2016 Federal Gas Tax Fund Projects	E	1-314

Compliance with the terms and conditions as specified in
Annex B of the *Administrative Agreement on the Federal
Gas Tax Fund*

And

Annual Report

Association of Municipalities of Ontario

For the year ended December 31, 2016

Contents

	Page
Independent auditor's report on the compliance with the terms and conditions as specified in Annex B of the Administrative Agreement on the Federal Gas Tax Fund	A-3
Independent auditor's report on the annual report	A-4 - A-5
Annual report	A-6
Notes to the Annual Report	A-7 - A-9

Independent auditor's report on the Association of Municipalities of Ontario's compliance with the terms and conditions as specified in Annex B of the Administrative Agreement on the Federal Gas Tax Fund

Grant Thornton LLP
11th Floor
200 King Street West, Box 11
Toronto, ON
M5H 3T4
T +1 416 366 0100
F +1 416 360 4949
www.GrantThornton.ca

To the Association of Municipalities of Ontario

At the request of the Association of Municipalities of Ontario (“AMO”), we have audited AMO’s compliance, for the year ending December 31, 2016, with the terms and conditions as specified in Annex B (excluding section 9 – Communications), including Schedules A to D, of the Administrative Agreement on the Federal Gas Tax Fund dated March 4, 2014 between AMO and the Province of Ontario and the Government of Canada (the “Agreement”). This audit report covers the year ended December 31, 2016. Compliance with the provisions of the Agreement is the responsibility of AMO. Our responsibility is to express an opinion on the compliance with the terms and conditions as specified in Annex B (excluding section 9 – Communications), including Schedules A to D, of the Agreement based on our audit.

We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance that AMO has complied with the criteria established by the provisions of the Agreement. Such an audit includes examining, on a test basis, evidence supporting compliance and evaluating the overall compliance with the terms and conditions as specified in Annex B (excluding section 9 – Communications), including Schedules A to D, of the Agreement.

In our opinion, AMO is in compliance, in all material respects, with the terms and conditions as specified in Annex B (excluding section 9 – Communications), including Schedules A to D, of the Agreement for the year ended December 31, 2016.

Toronto, Canada
September 15, 2017

Chartered Professional Accountants
Licensed Public Accountants

Independent auditor's report on Annual Report

Grant Thornton LLP
11th Floor
200 King Street West, Box 11
Toronto, ON
M5H 3T4
T +1 416 366 0100
F +1 416 360 4949
www.GrantThornton.ca

To the *Association of Municipalities of Ontario*

We have audited the accompanying Annual Report for the year ending December 31, 2016, for the Association of Municipalities of Ontario (“AMO”), which details the funding received from the Government of Canada and distributed to municipalities under the Administrative Agreement on the Federal Gas Tax Fund dated March 4, 2014 between AMO and the Province of Ontario and the Government of Canada (the “Agreement”). The Annual Report has been prepared by management based on the reporting provisions in section 1.1 of Schedule D of the Agreement and in accordance with Canadian accounting standards for not-for-profit organizations.

Management's Responsibility for the Report

Management is responsible for the preparation of the Annual Report based on the reporting provisions in section 1.1 of Schedule D to the Agreement and in accordance with Canadian accounting standards for not-for-profit organizations and for such internal control as management determines is necessary to enable the preparation of the Annual Report that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on the Annual Report based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the Annual Report is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the Annual Report. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the Annual Report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to an entity's preparation of the Annual Report 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 the entity's internal control. An audit also includes evaluating the

appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the Annual Report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the Annual Report is prepared, in all material respects, based on the reporting provisions in section 1.1 of the Schedule D to the Agreement and in accordance with Canadian accounting standards for not-for-profit organizations for the year ended December 31, 2016.

Basis of Accounting and Restriction on Distribution and Use

Without modifying our opinion, we draw attention to Note 2 to the Report which describes the basis of accounting.

The Report is prepared to assist AMO to meet the reporting requirements of the Agreement. As a result, the Report may not be suitable for another purpose. Our report is intended solely for AMO and the Government of Canada and should not be distributed to or used by parties other than AMO or the Government of Canada.

Other matter

Without modifying our report we draw attention to Notes 3 and 4 which provide summary information reported by the municipalities. This summary information has not been subject to audit procedures. Accordingly, we do not express an opinion on this information.

Grant Thornton LLP

Toronto, Canada
September 15, 2017

Chartered Professional Accountants
Licensed Public Accountants

Association of Municipalities of Ontario Annual Report

Year ended December 31,	2016	Cumulative January 1, 2014 to December 31, 2016
Balance of funds held by AMO, beginning of year	\$ 700,358	\$ -
Transferred from the original program (Note 1)	-	16,190,205
Amounts received from Canada	620,398,154	1,802,108,924
Transferred to ultimate recipients (Note 3)	(617,296,163)	(1,809,288,584)
Administration costs (Note 1)	(3,101,991)	(9,010,545)
Interest earned by AMO	<u>188,654</u>	<u>889,012</u>
Balance of funds held by AMO, end of year	\$ <u>889,012</u>	\$ <u>889,012</u>

Association of Municipalities of Ontario

Notes to Annual Report

Year ended December 31, 2016

1. Background information

On June 17, 2005, the Government of Canada (“Canada”), the Province of 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 the municipality of Toronto) for the period 2005 to 2009. On September 3, 2008, an amending agreement was signed for the administering of an additional \$2.361 billion flowing to all Ontario municipalities (excluding the municipality of Toronto) for the period 2010 to 2014.

In March 2014, AMO, the Government of Canada, the Province of Ontario and the City of Toronto signed a new Administrative Agreement (the “Agreement”). The Agreement is for ten years with the first five years of funding set (2014 to 2018).

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 the municipality of Toronto. AMO receives 0.5% of the amounts received from Canada to administer the funds.

2. Basis of preparation

The Annual Report (the “Report”) has been prepared to assist AMO to meet the reporting requirements of the Agreement. The Report is intended solely for the use of AMO and Canada. Accordingly, readers are cautioned that the Report may not be suitable for another purpose.

The Report has been prepared in accordance with the financial reporting provisions in section 1.1 of Schedule D to the Agreement and in accordance with Canadian accounting standards for not-for-profit organizations.

Association of Municipalities of Ontario

Notes to Annual Report

Year ended December 31, 2016

3. Transfers to ultimate recipients

The following represents the information in aggregate reported by the ultimate recipients to AMO, as of August 18, 2017, regarding the allocation of funds:

	<u>Unaudited</u>	
	<u>2016</u>	<u>January 1, 2014 to December 31, 2016</u>
Balance of funds held by ultimate recipients, beginning of year (Note 4)	\$ <u>760,566,932</u>	\$ _____ -
<u>Revenues</u>		
Transferred from AMO		
Received in the year specified	617,296,163	1,809,288,584
Received under new program but related to original program	-	(498,162)
Transferred from the original program	-	689,687,392
Proceeds from disposal of assets	3,974	103,988
Interest earned by ultimate recipients	<u>13,262,830</u>	<u>40,698,618</u>
	<u>630,562,967</u>	2,539,280,420
<u>Expenditures</u>		
Spent on eligible projects	<u>(647,083,915)</u>	<u>(1,795,234,436)</u>
Balance of funds held by ultimate recipients, end of year	\$ <u>744,045,984</u>	\$ <u>744,045,984</u>

Association of Municipalities of Ontario

Notes to Annual Report

Year ended December 31, 2016

4. Cumulative balance adjustments by municipalities

During the current year, adjustments were made by a number of municipalities in the amounts reported to AMO for the 2015 year. The adjustments have resulted in the following revisions to the cumulative amounts reported in 2016:

	<u>Unaudited</u>		
	<u>Originally Reported</u>	<u>Adjustment</u>	<u>Revised Amount</u>
<u>Revenue</u>			
Transfers from AMO	\$ 1,191,494,259	\$ -	\$ 1,191,494,259
Transfer from original program	686,413,557	3,273,835	689,687,392
Proceeds from disposal of assets	100,014	-	100,014
Interest earned by municipalities	<u>27,394,867</u>	<u>40,921</u>	<u>27,435,788</u>
	<u>1,905,402,697</u>	<u>3,314,756</u>	<u>1,908,717,453</u>
 <u>Expenditures</u>			
Spent on eligible projects	<u>(1,147,232,638)</u>	<u>(917,883)</u>	<u>(1,148,150,521)</u>
Balance of funds, end of 2015	\$ <u>758,170,059</u>	\$ <u>2,396,873</u>	\$ <u>760,566,932</u>

September 29, 2017

Mr. Chad Westmacott
Director, Program Operations Branch
Infrastructure Canada
9092 - 180 Kent Street
Ottawa ON K1P 0B6

Dear Mr. Westmacott:

As required under Schedule D section 1.2 of the Administrative Agreement on The Federal Gas Tax Fund, AMO has undertaken an independent audit of a sample of municipalities which represents 10% of the municipalities for which it administers federal Gas Tax Funds. The audit was completed during June and July 2017 by Grant Thornton and Collins Barrow. For the municipalities to which Grant Thornton is the auditor, the Gas Tax Compliance Audit was performed by Collins Barrow. As per the attached Summary Reports of the Municipal Compliance Audits there are no material issues of non-compliance amongst the sample.

Based on this sampling I attest that the Financial Report information contained in Part 1 of AMO's Federal Gas Tax Fund Annual Report is accurate.

I also attest that federal Gas Tax Funds, including an interest accrued, were spent by municipalities on eligible projects with eligible costs.

If you require further information on AMO's Federal Gas Tax Fund Annual Report please do not hesitate to contact Chris VanDooren, Manager Gas Tax at AMO either by email CVanDooren@amo.on.ca or by phone 416-971-9856 ext. 410.

Sincerely,



Afshin Majidi,
Director of Finance and Operations

Attachment

c: Eric Landry, Director General, North/Atlantic/Ontario Program Operations Branch,
Infrastructure Canada

September 6, 2017

Chris VanDooren
Manager – Gas Tax Implementation
Association of Municipalities of Ontario
200 University Ave. Suite 801
Toronto, ON
M5H 3C6

Grant Thornton LLP
11th Floor
200 King Street West, Box 11
Toronto, ON
M5H 3T4
T +1 416 366 0100
F +1 416 360 4949
www.GrantThornton.ca

Dear Mr. VanDooren:

We are pleased to report that we have now completed the specified procedures for the year ended December 31, 2016 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 AMO and the municipalities of Ontario (excluding City of Toronto) (“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 and the Province of Ontario and the Government of Canada (“Administrative Agreement”).

The summary of work done is as follows:

Sample size

We selected a sample of 44 municipalities, listed in Appendix A-1, based on the selection criteria provided by AMO (Appendix A-2) from a population of 443 municipalities of Ontario (excluding City of Toronto). As Grant Thornton LLP is the auditor for 3 of the selected municipalities, AMO concluded that the compliance work for these municipalities should be performed by a different firm of public accountants. Although the independence standards of Chartered Professional Accountants of Ontario do not prohibit Grant Thornton LLP from performing the compliance reviews, AMO decided that to avoid any perceived independence issue, that the compliance work should be performed by a different firm. For the remaining 41 selected municipalities, we have performed procedures to review compliance for the 2016 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 41 selected municipalities. These reports have been sent independently of this document. Our reports indicate the procedures performed and whether or not there were any exceptions noted as a result of applying the procedures described in Appendix D. In Appendix B we have summarized the exceptions found. In Appendix C we have identified the municipalities where exceptions were noted.

2016 Risk Management Questionnaire

AMO had asked each municipality to complete the “2016 Risk Management Questionnaire”, included in Appendix E-2, which listed 12 questions on financial policies and standard operating procedures (SOP) and required the municipalities to answer “yes” only if they had the policy or SOP in writing.

AMO requested that we verify that a written policy or SOP existed for each question which had been answered “yes”. While we have assessed existence of a policy for each question, we have not assessed the adequacy or sufficiency of those policies. The assessment and implementation of the SOP is the responsibility of the municipalities.

Our findings are listed in Appendix E-1.

2016 Asset Management Outcomes Questionnaire

AMO had asked each municipality to complete the “2016 Asset Management Outcomes Questionnaire”, included in Appendix F, which listed 16 questions to measure the municipal sector’s progress on Asset Management under the Federal Gas Tax Agreement.

AMO requested that we verify that the Recipient had answered the Asset Management Outcomes Questionnaire and that the answers were consistent with the municipality’s asset management plan.

In one instance we noted that the municipality did not have an asset management plan.

Recommendations

Our recommendations, based on our procedures are listed in Appendix G.

It should be noted that the purpose of our engagement was not to identify recommendations, and accordingly, management cannot rely on our findings to discharge their responsibilities in this area.

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 raise them at our scheduled meeting.

Yours sincerely,
Grant Thornton LLP

Grant Thornton LLP

R. Dale Varney, CPA, CA
R. Dale Varney CA Professional Corporation
Partner

September 7, 2017

Chris VanDooren
Manager – Gas Tax Implementation
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, 2016 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 municipalities of Ontario (excluding City of Toronto) (“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 and the Province of Ontario and the Government of Canada (“Administrative Agreement”).

The summary of work done is as follows:

Sample size

A sample of 44 municipalities, listed in Appendix A-1, based on the selection criteria provided by AMO (Appendix A-2) from a population of 443 municipalities (excluding City of Toronto) of Ontario was selected. As Grant Thornton LLP is the auditor for 3 of the selected municipalities, it was agreed with AMO that the compliance work for these municipalities would be performed by Collins Barrow Kawarthas LLP. For these 3 selected municipalities, we have performed procedures to review compliance for the 2016 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 3 selected municipalities. These reports have been sent independently of this document. Our reports indicate the procedures performed and whether or not there were any exceptions noted as a result of applying the procedures described in Appendix D. In Appendix H we have summarized our results by municipality.

2016 Risk Management Questionnaire

AMO had asked each municipality to complete the "2016 Risk Management Questionnaire", included in Appendix E-2, which listed 12 questions on financial policies and standard operating procedures (SOP) and required the municipalities to answer "yes" only if they had the policy or the SOP in writing.

AMO requested that we verify that a written SOP existed for each question which had been answered "yes". The assessment and implementation of the SOP is the responsibility of the municipalities.

Our findings are listed in Appendix H.

2016 Asset Management Outcomes Questionnaire

AMO had asked each municipality to complete the "2016 Asset Management Outcomes Questionnaire", included in Appendix F, which listed 16 questions to measure the municipal sector's progress on Asset Management under the Federal Gas Tax Agreement.

AMO requested that we verify that the comprehensiveness of the municipality's plan is in accordance with the information provided in the Asset Management Outcomes Questionnaire.

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 raise them at our scheduled meeting.

Yours sincerely,

Collins Barrow Kawartha LLP

Joanna Park, CPA, CA
Partner

Municipalities selected for testing

Sample	iMIS Id	Company Sort	Geographic	Audited by GT
1	10470	West Perth, Municipality Of	South Western	
2	10339	Zorra, Township Of	South Western	
3	10516	Oil Springs, Village Of	South Western	
4	19395	Plympton-Wyoming, Town Of	South Western	
5	10619	Enniskillen, Township Of	South Western	
6	10750	The Blue Mountains, Town Of	South Western	
7	10040	Amherstburg, Town Of	South Western	
8	10123	Brant, County Of	South Western	
9	10384	Lasalle, Town Of	South Western	
10	19411	Adelaide Metcalfe, Township Of	South Western	
11	19407	Strathroy-Caradoc, Municipality Of	South Western	
1	10336	Ignace, Township Of	North Western	
2	10671	Schreiber, Township Of	North Western	✓
3	10425	Marathon, Town Of	North Western	✓
1	10439	Mattawan, Municipality Of	North Eastern	
2	10242	Englehart, Town Of	North Eastern	
3	10446	Mckellar, Township Of	North Eastern	
4	10423	Assiginack, Township Of	North Eastern	
5	10669	Prince, Township Of	North Eastern	
6	10803	Wawa, Municipality	North Eastern	
7	10440	Papineau-Cameron, Township Of	North Eastern	
8	10307	Temiskaming Shores, City Of	North Eastern	
9	10250	Espanola, Town Of	North Eastern	
10	10698	Mcmurrich / Monteith	North Eastern	✓
11	10814	White River, Township Of	North Eastern	
1	10620	Pickering, City Of	Greater Toronto Area	
2	10107	Peel, Region Of	Greater Toronto Area	
1	10653	Renfrew, Town Of	Eastern	
2	19435	Leeds And The Thou, Township Of	Eastern	
3	19396	Port Hope, Municipality Of	Eastern	
4	10602	Renfrew, County Of	Eastern	
5	10143	Carleton Place, Town Of	Eastern	
6	10340	South Stormont, Township Of	Eastern	
7	19420	Carlow/Mayo, Township Of	Eastern	
8	19401	Selwyn, Township Of	Eastern	
9	10351	Otonabee-South Mon, Township O	Eastern	
10	10474	North Stormont, Township Of	Eastern	
11	10416	Centre Hastings, Municipality	Eastern	
12	10606	Petawawa, Town Of	Eastern	
1	10786	Tay, Township Of	Central	
2	10578	East Garafraxa, Township Of	Central	
3	10454	Simcoe, County Of	Central	
4	10104	Bracebridge, Town Of	Central	
5	10301	Gravenhurst, Town Of	Central	
44	Total			



Federal Gas Tax Municipal Selection Methodology for Audit - 2016

Background

Schedule D, Section 1.2 of the Agreement requires AMO to “provide an independent audit opinion, or an attestation based on an independent audit and signed by a senior official designated in writing by AMO, as to a) the accuracy of the information submitted in the Financial Report Table; and b) that GTF funding, unspent funds, and any interest earned thereon, were expended for the purposes intended.”

AMO has worked towards meeting these Agreement requirements by identifying the crucial objectives of the program that must be achieved in order for it to be deemed successful. These are articulated through the Risk Management Framework and Risk Management Policy.

Using this information, AMO develops an audit scope that will determine compliance against these objectives including an assessment of controls in place within municipalities on a test basis. This will be done using a methodology and in a manner to be developed and agreed to between AMO and its auditor(s). The methodology will also include the number of municipalities to be tested on an annual basis.

Goal

AMO will obtain an independent audit opinion on i) the accuracy of AMO’s Gas Tax financial reporting tables and ii) that AMO administered municipalities have expended GTF funding, unspent funds and any interest accrued for the purposes intended.

Sampling Methodology

The auditor will undertake a random sample of municipalities with the following considerations:

- Municipalities who were already audited within the last five years of the current Agreement, effective April 2014, and had no material exceptions, will not be included in the sample.
- Geographic distribution across the province generated from sampling methodologies.

Sample Size

44 or 10% of the municipalities will be sampled annually. The sample size will increase by 5% if there are material findings in the original sample.

AMO will follow-up with municipalities who received an exception during the compliance audit. If there is a significant (material) exception, the municipality will be added to the audit list the following year on top of the standard sample size.

Period Audit Will Cover

In general, the audit will cover the prior municipal fiscal year; there can however be exceptions to this approach at the direction of AMO.



Municipal Auditor Excluded

If the AMO auditor is the auditor for any of the selected municipalities, the compliance work for the selected municipalities should be done by a different firm of public accountants.

Timing

Municipalities will be identified for audit by March 31st annually. AMO’s auditor will be requested to have the work completed prior to August 1st.

The reporting deadline extension to May 31st for the 2016 municipal audit is for that year only. The field visits are expected to take place in June and July.

AMO’s auditors will present its findings on an aggregate basis to the Audit Committee at its September meeting.

Created: March, 2015
Revised: January, 2017

Summary of exceptions for each section of the 2014 Funding Agreement in effect in the year 2016

Section	Anticipated Municipal Action required under the Agreement	# of exceptions noted
3.2	Awareness of the base amount. Monitoring of base amount annually within the recipient.	10 2
3.3	Contracts to be awarded in accordance with the municipal procurement policy.	1
4.2	Completion of each Eligible Project in accordance with Schedule B and Schedule C of the Agreement.	None
5.1	Federal Gas Tax funds to be applied to eligible expenditures as outlined in Schedule C of the Agreement.	None
5.5	Federal Gas Tax funds are tracked separately in a reserve fund account fund. Records retained in accordance with the Recipient's retention by-law.	4 2
6.2	In case of a transfer of Federal Gas Tax funds to another municipality; evidence of by-law (which includes identification of transferee municipality and amount to be transferred) and its submission to AMO.	None
6.3	In case of a transfer of Federal Gas Tax funds to a non-municipal entity to support an eligible project; evidence of by-law (including identification of non-municipal entity and amounts to be transferred for an eligible project) and its submission to AMO.	None
6.6	Setting up of a dedicated reserve fund account in the general ledger Investment of unexpended funds to be in accordance with Ontario law and the Recipient's investment policy. Interest earned on unexpended funds to only be applied to Eligible Expenditures for Eligible Projects, set out in Schedule B and Schedule C.	2 17 2
6.9	Federal Gas Tax funds to be applied to eligible expenditures net of GST and/or HST.	None
6.12	Municipality to appropriately apply other sources of federal funding.	None
7.1	Annual reporting to AMO to be in specified format.	2
7.2	Outcomes reports for all completed projects to be submitted to AMO.	None
8.1	Asset Management Plan has been developed	1
8.2	Asset management Outcomes report submitted to AMO.	None
9.1	Generally accepted accounting principles in accordance with PSAS to be followed.	2
9.2	Separate records for Federal Gas Tax funds to be maintained.	2
10.1	Certificate of insurance to be in accordance with municipality's risk management policy. Certificate to list AMO and Canada as additional insured.	None 2
10.2	Certificate of insurance to be provided to AMO	None
11.1	Recipient to re-invest into Eligible Projects any revenue generated from the 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.	None
11.2	Recipient to 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 disposed of.	None
11.3	Infrastructure resulting from any Eligible Project that is not disposed of, to remain primarily for public use or benefit.	1

Summary of Exceptions by Municipality - 2016

	Municipality	Agreement Section #									
		3.2	3.3	5.5	6.6 (a)	7.1	8.1	9.1	9.2	10.1	11.3
1	Bracebridge, Town Of	-	-	-	-	-	-	-	-	-	-
2	East Garafraxa, Township Of	-	-	-	C	-	-	-	-	-	-
3	Gravenhurst, Town Of	-	-	-	-	-	-	-	-	-	-
4	Simcoe, County Of	-	-	-	-	-	-	-	-	-	-
5	Tay, Township Of	-	-	-	-	-	-	-	-	-	-
6	Carleton Place, Town Of	-	-	-	C	-	-	-	-	-	-
7	Carlow/Mayo, Township Of	A	-	-	C	-	-	-	-	-	-
8	Centre Hastings, Municipality	A	-	G	C	-	-	-	G	-	-
9	Leeds And The Thou, Township O	A	-	-	-	-	-	-	-	-	-
10	North Stormont, Township Of	A	-	-	C	-	-	-	-	-	-
11	Otonabee-South Mon, Township O	A	-	-	-	-	-	-	-	-	-
12	Petawawa, Town Of	-	-	F	C, F	-	-	-	-	-	-
13	Port Hope, Municipality Of	-	-	-	-	-	-	-	-	-	-
14	Renfrew, County Of	-	-	-	-	-	-	-	-	-	-
15	Renfrew, Town Of	-	-	-	C, L	-	-	-	-	-	-
16	Selwyn, Township Of	-	-	-	C	-	-	-	-	-	-
17	South Stormont, Township Of	-	-	-	-	-	-	-	-	-	-
18	Peel, Region Of	-	-	-	-	-	-	-	-	-	-
19	Pickering, City Of	-	-	-	-	-	-	-	-	-	-
20	Assinack, Township Of	-	-	-	C	-	-	-	-	-	-
21	Englehart, Town Of	-	-	-	C	-	-	-	-	-	-
22	Espanola, Town Of	-	-	-	-	-	-	-	-	-	-
23	Mattawan, Municipality Of	A	-	-	C, K	-	-	-	-	E	-
24	Mckellar, Township Of	-	-	-	C	-	-	-	-	-	-
25	Papineau-Cameron, Township Of	-	-	-	C	-	-	-	-	-	-
26	Prince, Township Of	A	-	-	-	-	-	-	-	-	-
27	Temiskaming Shores, City Of	-	-	-	-	-	-	-	-	-	-
28	Wawa, Municipality	-	-	-	-	-	-	N	-	-	-
29	White River, Township Of	A	-	-	C	-	-	M	-	-	-
30	Ignace, Township Of	A	-	-	-	-	-	-	-	-	-
31	Adelaide Metcalfe, Township Of	B	-	-	C	-	H	-	-	-	I
32	Amherstburg, Town Of	-	-	-	-	-	-	-	-	-	-
33	Brant, County Of	-	-	-	-	-	-	-	-	-	-
34	Enniskillen, Township Of	B	-	J	-	J	-	-	-	E	-
35	Lasalle, Town Of	-	-	-	-	-	-	-	-	-	-
36	Oil Springs, Village Of	A	D	F, G, J	C, F	J	-	-	G	-	-
37	Plympton-Wyoming, Town Of	-	-	-	C	-	-	-	-	-	-
38	Strathroy-Caradoc, Municipalit	-	-	-	-	-	-	-	-	-	-
39	The Blue Mountains, Town Of	-	-	-	-	-	-	-	-	-	-
40	West Perth, Municipality Of	-	-	-	-	-	-	-	-	-	-
41	Zorra, Township Of	-	-	-	-	-	-	-	-	-	-

- A Recipient not aware of the Base Amount.
- B No process in place for the annual monitoring by the recipient
- C Recipient does not have an investment policy
- D Procurement by-law not followed
- E Insurance certificate does not list Canada as additional insured
- F Federal Gas Tax funds are not tracked separately in a reserve fund account
- G No by-law relating to retention of records
- I No asset inventory or listing of assets to support the amount in the general ledger
- H No Asset Management Plan
- J Balance as per general ledger differs from that reported to AMO in Annual Expenditure Report
- K No interest credited to Federal Gas Tax fund account
- L Interest credited to Federal Gas Tax fund account understated as amount lower than that per bank statement
- M Audit report on 2015 Financial Statements qualified due to non-recognition of liability for clean up of a contaminated site assumed by the recipient
- N Audit report on 2015 Financial Statements qualified due to non-recognition of impairment loss of a tangible capital asset

Summary of Exceptions by Municipality

Year 2016

		Agreement Section #									
	Municipality	3.2	3.3	5.5	6.6	7.1	8.1	9.1	9.2	10.1	11.3
42	Schrieber, Township Of	A	-	-	-	-	-	-	-	-	-
43	Marathon, Town Of	-	-	-	-	-	-	-	-	-	-
44	Mcmurrich/Monteith, Township Of	-	-	-	-	-	-	-	-	-	-

A. Recipient not aware of the Base Amount.

Summary of Findings - 2016 Risk Management Questionnaire

		Answered "Yes" to Question												exceptions noted	
	Municipality	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12		Total
42	Schrieber, Township Of	√						√		√				3	none
43	Marathon, Town Of	√						√		√				3	none
44	Mcmurrich/Monteith, Township Of							√	√		√			3	none
Total		2	0	0	0	0	0	3	1	2	1	0	0		

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>Section 3.1 - Communications The Recipient will comply with all requirements outlined in Schedule E, including:</p> <ul style="list-style-type: none"> a) Providing upfront project information on an annual basis for communications purposes; b) Including Canada in local project communications; and c) Installing federal project signs. 	<p>No procedures performed as the Infrastructure Canada letter dated January 29, 2014 does not require the monitoring or implementation of the communications protocol to be subject to the compliance audit.</p>
<p>Section 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</p>	<p>Inquire of the Recipient staff (person responsible for reporting of the Federal Gas Tax funding) as to whether the Recipient is aware of the base amount and whether it is monitored annually within the recipient.</p>
<p>SECTION 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.</p> <p>(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.</p>	<p>Obtain the Recipient’s Procurement Policy/By-law and verify the summary of tender results submitted to Council for the contracts awarded during the year is in accordance with the recipient’s Procurement Policy/By-law.</p>
<p>4.1 Eligible Project Categories Eligible Projects include investments in Infrastructure for its construction, renewal or material enhancement in the categories of public transit, local roads and bridges, wastewater, water, solid waste,</p>	<p>No audit work performed as no action is required by the Recipient.</p>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>community energy systems, capacity building, local and regional airports, short-line rail, short-sea shipping, disaster mitigation, broadband connectivity, brownfield redevelopment, cultural, tourism, sport and recreational infrastructure, as more specifically described in Schedule B & C.</p>	
<p>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.</p>	<p>Review the project(s) on which expenditures were incurred during the year and ensure the description and nature of the project(s) as indicated by the municipality is consistent with Schedule B and Schedule C of the Municipal Funding Agreement for the Transfer of federal Gas Tax Funds between AMO and the municipality.</p>
<p>5.1 Eligible Expenditures Schedule C sets out specific requirements for Eligible and Ineligible Expenditures.</p>	<p>Review all invoices/progress billing certificates etc. as listed in the costing sheet provided by the Recipient for the projects funded by federal Gas Tax Funds and for all amounts in excess of 1% of 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 Municipal Funding Agreement for the Transfer of federal Gas Tax Funds between AMO and the municipality.</p>
<p>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.</p>	<p>No audit work performed as no action is required by the Recipient.</p>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>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.</p>	<p>No audit work performed as no action is required by the Recipient.</p>
<p>5.4 Reasonable Access 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 or their respective designated representatives for the purposes of audit, evaluation, and ensuring compliance with this Agreement.</p>	<p>No audit work performed as no action is required by the Recipient.</p>
<p>5.5 Retention of Receipts 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>Scan the general ledger and note whether the federal Gas Tax funds are tracked separately in a reserve fund account.</p> <p>Review the Recipient’s current record retention By-law and</p> <ul style="list-style-type: none"> i. confirm with the Recipient staff (person responsible for reporting of the Federal Gas Tax funding) that the documents and records pertaining to the Federal Gas Tax funded projects are being retained in accordance with the Recipient’s retention by-law; and ii. observe whether the Federal Gas Tax related records are easily accessible.

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>6.1 Allocation of Funds 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>No audit work performed as no action is required by the Recipient.</p>
<p>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 (a “Transfer 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.</p>	<p>Review the Annual Report for any transfers reported. Inquire of the Recipient staff (person responsible for reporting of the Federal Gas Tax funding) whether any funds had been transferred to other municipalities during the year. If such a transfer took place, verify that the Recipient had passed a By-law which specifically identified the Transferee and the amount of Funds. Verify, by reviewing correspondence with AMO, that the By-law was submitted to AMO.</p>
<p>6.2 Transfer of Funds to a Municipality (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.</p>	<p>Verify, by reviewing the Annual Report, that it has been prepared in accordance with Sections 7.1 (a), (c) and (f) hereof with respect to the Funds transferred and that the Annual Report has been submitted to AMO.</p>
<p>6.2 Transfer of Funds to a Municipality (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) 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>	<p>Verify that the transfer date is after the date the Transferee Municipality 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.</p>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>6.3 Transfer of Funds to a non-municipal entity Where a Recipient decides to support an Eligible Project undertaken by an Eligible Recipient that is not a Municipality: (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.</p>	<p>Review the Annual Report for any transfers reported.</p> <p>Review the adoption of a resolution by the Recipient’s council for a Non-municipal Transfer By-law identifying the Eligible Recipient, and the amount of Funds the Eligible Recipient is to receive for that Eligible Project.</p> <p>Verify, by reviewing correspondence with AMO, that a copy of the By-law was submitted to AMO.</p>
<p>6.3 Transfer of Funds to a non-municipal entity (b) The Recipient shall continue to be bound by all of the provisions of this Agreement notwithstanding any such transfer.</p>	<p>No audit verification work required as by signing of funding agreement the Recipient acknowledges and agrees to this condition.</p>
<p>6.3 Transfer of Funds to a non-municipal entity (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>	<p>Verify, by reviewing correspondence with AMO, that the Transferor Municipality received notification from AMO that AMO had received a written undertaking in a form suitable to them from the non-municipal entity indicating that the non-municipal entity had assumed all of the Recipient’s obligations under this Agreement with respect to the Funds transferred.</p>
<p>6.4 Use of Funds 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>No audit verification work required as by signing the funding agreement the Recipient acknowledges and agrees to this condition.</p>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>6.5 Schedule of payout of Funds 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, more specifically on the basis set out in Schedule A.</p>	<p>No audit work performed as no action is required by the Recipient.</p>
<p>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 and Schedule C.</p>	<p>Verify, by reviewing the general ledger, that the Federal Gas Tax funds are tracked separately in a reserve fund account fund.</p> <p>Obtain a copy of the municipality’s investment policy and review the policy to verify that it is accordance with the Ontario Municipal Act, 2001.</p> <p>Determine the reasonability of the interest earned by re-computing the interest earned on the un-expended amount. If the interest earned has been applied to Eligible Expenditures for Eligible Projects, more specifically on the basis set out in Schedule B and Schedule C, agree the amount of Eligible Expenditures to the Annual Report.</p>
<p>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.</p>	<p>No audit work performed as AMO undertakes this testing through the Reporting Tool.</p>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>6.8 Expenditure of Funds The Recipient shall expend all Funds by December 31, 2028.</p>	<p>Not applicable as it is applicable for funds received in 2023.</p>
<p>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.</p>	<p>For the items identified in Section 5.1 above, review the invoices pertaining to the projects financed by Federal Gas Tax funds and verify that the expenditures applied against the Federal Gas Tax funds for fiscal year under review were net of GST & HST net of any applicable tax rebates.</p>
<p>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.</p>	<p>No audit verification work required.</p>
<p>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.</p>	<p>No audit verification work required.</p>
<p>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.</p>	<p>Inquire of Recipient staff (person responsible for reporting of the Federal Gas Tax funding) if any projects funded by Federal Gas Tax funds were also funded through any other grant programs. If yes, review the funding limitations set out in that funding agreement and verify that the limitations have been followed.</p>
<p>6.13 Withholding Payment AMO may withhold payment of Funds where the Recipient is in default of compliance with any provisions of this Agreement.</p>	<p>No audit work performed as no action is required by the Recipient.</p>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>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.</p>	<p>No audit work performed as no action is required by the Recipient.</p>
<p>7.1 Annual Report The Recipient shall report in the form in Schedule D due by March 31st following each Municipal Fiscal Year on: (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>	<p>Review the Annual Expenditure Report and compare it to the report specified in the Schedule D of the agreement to verify that the Annual Report has been properly completed by in accordance with the reporting requirements prescribed in Schedule D for items (a) through (g).</p>
<p>7.2 Outcomes Report The Recipient shall account in writing for outcomes achieved as a result of the Funds through an Outcomes Report to be submitted to AMO. Specifically, the Outcomes Report shall describe, in a manner to be provided by AMO, the degree to which investments in each Eligible Project are supporting progress towards achieving: (a) beneficial impacts on communities of completed Eligible Projects; and (b) enhanced impact of Funds as a predictable source of funding.</p>	<p>Verify, by reviewing the Outcomes Report, that the it has been prepared in the manner provided by AMO, showing the degree to which investments in each project are supporting progress towards achieving: (a) beneficial impacts on communities of completed Eligible Projects; and b) enhanced impact of Funds as a predictable source of funding.</p>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>8.1 Asset Management Plan The Recipient will develop and implement an Asset Management Plan prior to December 31, 2016.</p>	<p>Obtain copy of asset management plan and ensure comprehensiveness of the plan is in accordance to the information filled out in the asset management outcome questionnaire.</p>
<p>8.2 Outcomes 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>Confirm with the Recipient staff (person responsible for reporting of the Federal Gas Tax funding) that the Asset Management Outcome questionnaire has been completed (i.e. all questions have been answered) and submitted to AMO.</p>
<p>9.1 Accounting Principles 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. Also scan the auditors’ report for any qualifications for non-compliance with Public Sector Accounting standards.</p>
<p>9.2 Separate Records 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 to AMO and Canada 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>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>9.3 External Auditor 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 and Canada at the same time that the audit report is given to AMO.</p>	<p>No audit work performed as no action is required by the Recipient.</p>
<p>10.1 Insurance 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 are:</p> <ul style="list-style-type: none"> a. general liability insurance coverage for the GTF Agreement, and b. the certificates listed AMO and Canada as additional insured.
<p>10.2 Certificates of Insurance 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 to AMO.</p>	<p>Verify, by reviewing correspondence with AMO, that the insurance certificate has been submitted to AMO.</p>
<p>10.3 AMO not liable 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,</p>	<p>No audit verification work required as by signing of funding agreement the Recipient acknowledges and agrees to this condition.</p>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>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>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.</p>	<p>No audit verification work required as by signing of funding agreement the Recipient acknowledges and agrees to this condition.</p>
<p>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 “Indemnatee”), from and against all claims, losses, damages, liabilities and related expenses including the fees, charges and disbursements of any counsel for any Indemnatee incurred by any Indemnatee or asserted against any Indemnatee 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</p>	<p>No audit verification work required as by signing of funding agreement the Recipient acknowledges and agrees to this condition.</p>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>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.</p>	
<p>11.1 Reinvestment 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>Review the Annual Report for the reporting of any asset disposals.</p> <p>For any sale, lease, encumbrance or disposal of an asset of an Eligible Project by the Recipient within five (5) years of the date of completion of the Eligible Project, verify, by reviewing the transactions recorded in the general ledger, that the revenue generated from such disposal was invested into an Eligible Project.</p>
<p>11.2 Notice 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>

Federal Gas Tax Fund – Expected Terms and Conditions for External Audit – 2016

Per Funding Agreement	Specified Audit Procedure
<p>11.3 Public Use 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>Verify, by reviewing the asset inventory or listing of assets which supports the amount recorded in the general ledger, that the Recipient has retained the assets resulting from any Eligible Project that is not sold, leased, encumbered or otherwise disposed of, remains primarily for public use or benefit.</p>

Risk Management Questionnaire - Summary of Findings - 2016

	Municipalities	Answered "Yes" to Question												Total	# of exceptions
		# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12		
1	Bracebridge, Town Of	✓	-	✓	-	-	-	✓	-	✓	-	-	-	4	none
2	East Garafraxa, Township Of	✓	-	✓	-	✓	-	✓	-	-	✓	-	-	5	none
3	Gravenhurst, Town Of	✓	-	✓	-	✓	-	✓	-	✓	✓	-	✓	7	none
4	Simcoe, County Of	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	10	none
5	Tay, Township Of	✓	✓	✓	✓	-	✓	✓	✓	✓	-	-	✓	9	none
6	Carleton Place, Town Of	-	-	✓	-	-	-	✓	-	-	-	-	-	2	none
7	Carlow/Mayo, Township Of	✓	-	-	-	-	-	✓	-	-	-	-	-	2	none
8	Centre Hastings, Municipality	✓	-	-	-	-	-	✓	-	-	-	-	-	2	none
9	Leeds And The Thousand Islands, Township Of	✓	-	-	-	-	-	✓	✓	✓	✓	✓	-	6	none
10	North Stormont, Township Of	-	-	-	-	-	-	✓	-	-	-	-	-	1	none
11	Otonabee-South Mon, Township Of	✓	-	-	-	-	-	✓	-	✓	-	-	-	3	none
12	Petawawa, Town Of	✓	-	-	-	-	-	✓	-	-	-	-	-	2	none
13	Port Hope, Municipality Of	✓	✓	-	-	✓	-	✓	✓	✓	-	-	-	6	none
14	Renfrew, County Of	-	-	✓	-	-	-	✓	-	✓	-	-	-	3	none
15	Renfrew, Town Of	-	-	-	-	-	-	✓	-	-	-	-	-	1	none
16	Selwyn, Township Of	-	-	-	-	-	-	✓	-	-	-	-	-	1	none
17	South Stormont, Township Of	✓	-	✓	-	-	-	✓	-	✓	-	-	-	4	none
18	Peel, Region Of	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	-	10	none
19	Pickering, City Of	✓	-	✓	-	✓	-	✓	✓	✓	✓	-	-	7	none
20	Assiginack, Township Of	-	-	-	-	-	-	✓	-	-	-	-	-	1	none
21	Englehart, Town Of	-	-	-	-	-	-	✓	-	-	-	-	-	1	none
22	Espanola, Town Of	-	-	-	-	-	-	✓	-	✓	-	-	-	2	none
23	Mattawan, Municipality Of	-	-	-	-	-	-	✓	-	-	-	-	-	1	none
24	Mckellar, Township Of	✓	-	✓	✓	-	✓	✓	✓	-	-	-	-	6	none
25	Papineau-Cameron, Township Of	✓	✓	-	-	-	-	✓	✓	-	-	-	-	4	none
26	Prince, Township Of	-	-	-	-	-	-	✓	-	✓	-	-	-	2	none
27	Temiskaming Shores, City Of	✓	-	-	-	-	-	✓	-	✓	-	-	-	3	none
28	Wawa, Municipality	✓	-	-	-	✓	-	✓	-	✓	-	-	-	4	none
29	White River, Township Of	✓	✓	-	-	-	-	✓	-	-	-	-	-	3	none
30	Ignace, Township Of	✓	-	-	✓	-	-	✓	-	✓	-	-	-	4	none
31	Adelaide Metcalfe, Township Of	-	-	-	-	-	-	✓	-	-	-	-	-	1	none
32	Amherstburg, Town Of	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	10	none
33	Brant, County Of	✓	✓	✓	✓	✓	✓	✓	-	✓	-	-	-	8	none
34	Enniskillen, Township Of	-	-	-	-	-	-	✓	-	✓	-	-	-	2	none
35	Lasalle, Town Of	✓	-	✓	-	-	-	✓	-	✓	-	-	-	4	none
36	Oil Springs, Village Of	-	-	-	-	-	-	✓	✓	-	-	-	-	2	none
37	Plympton-Wyoming, Town Of	✓	-	-	-	-	-	✓	✓	-	-	-	✓	4	none
38	Strathroy-Caradoc, Municipality Of	✓	-	-	✓	-	✓	✓	✓	✓	-	-	-	6	none
39	The Blue Mountains, Town Of	-	-	-	-	-	-	✓	✓	✓	-	-	-	3	none
40	West Perth, Municipality Of	✓	-	-	-	-	-	✓	✓	✓	-	-	-	4	none
41	Zorra, Township Of	✓	-	✓	-	-	-	✓	-	✓	-	-	-	4	none
	Total	27	8	14	7	8	7	41	14	24	6	3	5		

Findings:

For all "yes" answers, we found that there was a written policy / Standard Operating Procedure ("SOP"). In a number of instances, the municipality felt that one document (policy / SOP) covered a number of questions

Question: Does the municipality have:

- # 1 Policy for financial management of tangible capital assets
- # 2 SOP to keep financial management of tangible capital assets current
- # 3 Long-term financial plan (including revenue, expenditures and capital requirements)
- # 4 SOP for review of capital and operating accounts
- # 5 Capital budget policy
- # 6 SOP for annual capital budgeting process
- # 7 Tendering and/or procurement policy
- # 8 SOP to operationalize the tendering and/or procurement policy
- # 9 Investment policy
- # 10 Policy for reserves and reserve fund financial management (including segregated accounts)
- # 11 SOP for implementing the reserve and reserve fund financial management policy
- # 12 SOP for tracking Federal Gas Tax agreement compliance

2016 Gas Tax Reporting – Risk Management Questionnaire

Instructions:

The following are a series of questions on financial policies and standard operating procedures AMO will use in determining level of risk under the new federal Gas Tax Risk Management Framework and develop capacity building programs.

A **policy** contains guiding principles and rules to meet organizational objectives. It contains at a minimum a purpose statement, scope, definitions and policy statement.

A **procedure** is a series of steps to be followed as a consistent and repetitive approach to accomplish an end result. It is developed to support the effective implementation of policies.

By answering "Yes" to a question, if selected for an audit, the municipality is asked to provide the **written** policy or standard operating procedure to the auditor. Please choose the option "Work in Progress" only if you are expecting the relevant policy or SOP to be developed by the end of current calendar year.

Sample policies and standard operating procedures are located in the Community tab at the top right of the webpage. The Gas Tax Community page is where we will post information that you will find useful in complying with the terms and conditions set out in the Municipal Funding Agreement.

Responses to these questions are not used to determine whether or not a municipality will receive funding.

Note that "SOP" means a standard operating procedure in every case where this term is used.

Municipal Self-Reporting - Risk Management

Q1. Does your municipality have a policy for financial management of tangible capital assets?

Policy for a comprehensive listing of assets and accounting system tracking of asset categories, additions, improvements, disposals and depreciation.

Q2. Does your municipality have a SOP to keep financial management of tangible capital assets current?

Processes in place to ensure that financial data on tangible capital assets is up-to-date in order to better safeguard and manage these assets throughout their lifecycle.

Q3. Does your municipality have a long-term financial plan (including revenue, expenditures and capital requirements)?

Long-term financial planning combines financial forecasting with strategizing. Financial forecasting is the process of projecting revenues and expenditures over a long-term period, using assumptions about economic conditions, future spending scenarios, and other salient variables. Long-term financial planning is the process of aligning financial capacity with long-term service objectives. It uses forecasts to provide insight into future financial capacity so

that strategies can be developed to achieve long-term sustainability in light of the government's service objectives and financial challenges.

Without a long-term financial plan, there is increased risk of compromising meaningful governance and financial planning, potentially resulting in reactive use of reserves and debt to manage annual capital and operating needs. In addition, annual decisions related to prioritization of capital projects could be based on short-term objectives, which may not align with the long-term needs of your municipality.

Q4. Does your municipality have a SOP for review of capital and operating accounts?

It is a good practice that capital and operating accounts are periodically reviewed to make sure that financial transactions are being classified correctly. Without regular review, there is a risk that operating and capital expenditures are being misclassified, which would affect variance reporting and capitalization of assets.

Q5. Does your municipality have a capital budget policy?

A capital budget policy assists in formalizing a defined and transparent process for the development and funding of capital projects. For example, it specifies the threshold amounts for projects that require approval from council or projects that will be included in capital budget. It might also specify the criteria for debt financing the acquisition, construction, renovation, repair or renewal of capital assets.

Q6. Does your municipality have a SOP for annual capital budgeting process?

The purpose of this SOP is to establish a process for the development of a single-year or multi-year capital budget that will be approved by Council annually.

Q7. Does your municipality have a tendering and/or procurement policy?

A procurement policy promotes ethical, legal, efficient, effective, accountable, and transparent sourcing strategies with respect to procurement of goods, services or construction.

Q8. Does your municipality have a SOP to operationalize the tendering and/or procurement policy?

Formal procedures should to be established to operationalize the procurement policy.

Q9. Does your municipality have an investment policy?

The goal of the investment policy shall be to set out the guiding principles and establish a statement of the investment policies and goals for the purpose of investing public funds while meeting the related statutory requirements.

Legislative and Administrative Authorities:

- *Section 418 of the Municipal Act, 2001*
- *Ontario Regulation 438/97, Eligible Investments and Related Financial Agreements, as amended*

Guiding Principles:

The municipality shall adhere to the following guiding principles in the consideration, purchase, disposal and administration of any municipality held investments:

a) Adhere to statutory requirements

b) Preservation of capital

c) Liquidity

d) Diversification

e) Yield

Q10. Does your municipality have a policy for reserves and reserve fund financial management (including segregated accounts)?

Reserves and Reserve Funds are important long-term financial planning tools for municipalities, and are used to set aside funds for a future purpose. It is a good practice to have formal policies and procedures for the financial management of reserves and reserve funds that would provide guidelines and direction for the establishment of reserves, transfer of reserves, system of accounting for reserves and approvals for use of reserves.

Q11. Does your municipality have a SOP for implementing the reserves and reserve fund financial management policy?

Reserves and Reserve Funds are important long-term financial planning tools for municipalities, and are used to set aside funds for a future purpose. It is a good practice to have formal policies and procedures for the financial management of reserves and reserve funds that would provide guidelines and direction for the establishment of reserves, transfer of reserves, system of accounting for reserves and approvals for use of reserves.

Q12. Does your municipality have a SOP for tracking federal Gas Tax agreement compliance?

Municipalities should have a standard operating procedure to ensure that they are in compliance, with all material aspects, with the terms and conditions of the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds. For Example, having a process to ensure that Funds shall be used only for eligible expenditures in respect of eligible projects under Schedule B and Schedule C of the Agreement.

Last Updated: January 27, 2017

2016 Gas Tax Reporting – Asset Management Outcomes

Q1. Does your municipality have an asset management plan as of December 31, 2016?

- A. We have a plan that includes all core infrastructure assets
- B. We have a plan that includes some other assets in addition to core infrastructure assets
- C. We have a plan that includes all infrastructure assets
- D. We don't have a plan

[Under the Federal Gas Tax Agreement, municipalities are required to develop and implement an asset management plan by Dec 31, 2016. The provincial requirement to date has focused on inclusion of core infrastructure only, which includes roads, bridges, water, wastewater, and stormwater infrastructure. One way for municipalities to demonstrate progress on asset management would be to incorporate more infrastructure assets in their plan.]

An asset management plan is a strategic document that states how a group of assets will be managed over a period of time. The plan describes the characteristics and condition of infrastructure assets, the levels of service expected from them, planned actions to ensure the assets are providing the expected level of service, and financing strategies to implement the planned actions.

The plan may use any appropriate format, as long as it includes the information and analysis required to be in a plan as described in Ontario's "Building Together: Guide for Asset Management Plans".]

Q2. How many years does your municipality's asset management plan cover? (The recommended period is at least 10 years.)

- A. 1 - 4 years
- B. 5 - 9 years
- C. 10 - 19 years
- D. 20 years or more

[A municipal asset management plan should identify all future infrastructure investments that are required at least in the next 10 years.]

Q3. Does your municipality own any tangible capital assets in the following functional categories of the Financial Information Return as of December 31, 2016? (All municipal tangible capital assets are reported in Schedule 51A of the FIR.)

General Government	Yes/No
Protection Services	Yes/No
Transportation Services	Yes/No
Environmental Services	Yes/No
Health Services	Yes/No
Social and Family Services	Yes/No
Social Housing	Yes/No
Recreation and Cultural Services	Yes/No
Planning and Development	Yes/No

[Section 1.1 of the Federal Gas Tax Agreement defines infrastructure as municipal or regional, publicly or privately owned, tangible capital assets primarily for public use or benefit in Ontario. In Ontario, all municipalities report their tangible capital assets in Schedule 51A of their Financial Information Return (FIR).

To meet the asset management requirements of the Federal Gas Tax Agreement, municipalities must continuously improve existing asset management plans to include all Gas Tax eligible tangible capital assets reported in Schedule 51A of the FIR. AMO will not withhold Gas Tax funds as long as municipalities can demonstrate progress towards meeting the requirement.

As a Best Practice, AMO encourage municipalities to include all tangible capital assets in their plan even if they are not eligible for Gas Tax funding. It will help municipalities realize the most value from the asset management planning exercise in terms of resources and decision-making.

Additionally, the structure of your assets inventory in your asset management planning system should ideally be consistent with your functional classification or asset hierarchy in the FIR. Please refer to the instructions provided by Ministry of Municipal Affairs to review the functional infrastructure categories of the FIR:

<http://cskonramp.mah.gov.on.ca/fir/Instructions/FIR2015%20Functional%20Categories.pdf>

Q4. Does your municipality own any tangible capital assets that are eligible for federal Gas Tax funding in the following functional categories of the FIR?

General Government	Yes/No
Protection Services	Yes/No
Transportation Services	Yes/No
Environmental Services	Yes/No
Health Services	Yes/No
Social and Family Services	Yes/No
Social Housing	Yes/No
Recreation and Cultural Services	Yes/No
Planning and Development	Yes/No

[Federal Gas Tax funds can be invested in 16 eligible infrastructure project categories: local roads and bridges, public transit, water, wastewater, solid waste, community energy systems, recreation, culture, sport, tourism, broadband connectivity, local and regional airports, disaster mitigation, brownfield redevelopment, short-line rail and short-sea shipping.

Note that two major infrastructure categories that are not eligible for funding are social housing and healthcare infrastructure. Also, municipal vehicles other than transit vehicles and waste trucks are not eligible. Please visit the Gas Tax Community to see detailed information on the types of eligible infrastructure projects.]

Q5. Does your municipal asset management plan include all your tangible capital assets reported under the following functional categories of the FIR?

General Government	Yes/No/WIP
Protection Services	Yes/No/WIP
Transportation Services	Yes/No/WIP
Environmental Services	Yes/No/WIP

Health Services	Yes/No/WIP
Social and Family Services	Yes/No/WIP
Social Housing	Yes/No/WIP
Recreation and Cultural Services	Yes/No/WIP
Planning and Development	Yes/No/WIP

[We are assuming that all tangible capital assets reported in your FIR are owned and managed by your municipality. So all of them should be part of your asset management planning process in order to keep them in a state of good repair.]

Q6. What is the current replacement cost of all tangible capital assets reported in Schedule 51A of the FIR? (Note that Schedule 51A does not have the replacement cost of your tangible capital assets. Calculating this amount is part of your asset management planning process.)

[Please provide replacement cost of all your tangible capital assets that are reported in Schedule 51A of the FIR regardless of whether they are part of your existing asset management plan or not.

This would be the amount of funds required to re-build all your infrastructure today from scratch.]

Q7. What is the current replacement cost of the tangible capital assets your municipality has included in its asset management plan?

[Please provide the total replacement cost of all assets that are included in your most recent asset management plan.

We are assuming that all infrastructure assets that you own which are part of your asset management plan are above your capitalization threshold i.e. they are all reported as tangible capital assets in Schedule 51A of the FIR.]

Q8. What percentage of infrastructure assets you own are included in your asset management plan?

[It is auto-calculated as sum of current replacement cost of assets included in your asset management plan as a percentage of total replacement cost of all tangible capital assets reported in Schedule 51A of your FIR.]

Q9. How does your municipality determine replacement cost of its tangible capital assets?

- A. Inflating historical costs
- B. Engineering Estimates
- C. Combination of the above

[While engineering estimates provide more realistic replacement costs, most municipalities in Ontario have inflated the historical cost of their infrastructure assets using price indices to determine replacement costs.]

Q10. How does your municipality primarily assign condition ratings to your infrastructure assets included in the plan?

- A. We use age-based condition based on amortization
- B. We rely on staff visual inspection
- C. We rely on engineering inspections

[One of the factors in good asset management planning is the availability of accurate condition data on infrastructure assets. As a Best Practice, municipalities should put in place a monitoring and review regime for their assets condition and performance.

Engineering inspections are more reliable than visual inspections or age-based modeling. It involves the use of specialized condition monitoring systems to monitor key condition indicators of assets like temperature and vibration to help predict possible future failures.

AMO sponsored a research project in 2014 on state of the infrastructure for roads and bridges in 93 Ontario municipalities. Based on the results of the study, we know that assets that have condition assessment data are in general performing better than what their accounting age would otherwise suggest.]

Q11. Does your municipality currently use your asset management plan to identify priority infrastructure projects?

- A. Yes
- B. No

[As a Best Practice, municipal asset management plans should specify those infrastructure assets that have immediate rehabilitation or replacement needs including the cost and the timing of the required intervention/investment.]

Q12. Does your municipality currently use a risk-based approach in your asset management plan to identify priority infrastructure projects?

- A. Yes
- B. No

[If you own a lot of infrastructure and many assets are in poor condition, using condition-based approach alone does not tell which assets are the most important and urgent from a service delivery perspective.

Using a risk-based approach gives you a more structured and objective assessment of what is the most important and urgent need. As the key asset management objective of municipalities is the sustainable delivery of service to their residents, risk can be calculated as:

Asset Risk = Likelihood of Asset Failure x Service Consequence

Priority projects can be then identified by assigning different risk levels or scores to all of your infrastructure assets (for example, low, medium, high, critical, etc.).

ISO 31000 defines risk management as "a coordinated set of activities and methods that is used to direct an organization and control the many risks that can affect its ability to achieve its objectives". The asset management objective of a municipality is to provide sustainable levels of service to its residents.]

Q13. Does your current asset management plan identify your municipality's annual infrastructure funding gap?

- A. Yes
- B. No

[The annual infrastructure funding gap is the difference between available funding and the funding required to keep all infrastructure assets in a state of good repair.]

Q14. Does your current asset management plan have a financial strategy?

- A. Yes
- B. No

[A financial strategy identifies how future infrastructure investment activities will be funded on basis of future revenue projections.

Having a financial strategy is critical for putting an asset management plan into action and to demonstrate that municipalities have made a concerted effort to integrate asset management planning with financial planning and budgeting and to make full use of all available infrastructure financing tools.]

Q15. Does your current asset management plan identify infrastructure investments in the next 10 years according to your municipality's current and/or target levels of service?

- A. Yes
- B. No

[Levels of service relates to the quality, quantity, reliability, responsiveness, environmental acceptability and costs related with the end use of the provision of infrastructure.

Levels of service are the least developed area of municipal asset management plans. Progress in asset management planning can be demonstrated by tying future infrastructure investments with current and/or target levels of service in line with the expectations and affordability of your residents.

The goal should be to provide the desired level of service at the lowest whole life cycle cost of an individual asset i.e. sum of all expenses associated with an asset including acquisition, operation, maintenance, refurbishment and renewal, and decommissioning and disposal.]

Q16. Does your municipality have a strategic asset management policy?

- A. Yes
- B. No

[A strategic asset management policy at a minimum specifies the asset management objectives and how they will be delivered, frequency of how often asset management plan will be updated, and how it aligns with other municipal policies and plans, and the role of staff and council in developing the plan. It should be approved by your council as gaining top level buy in for asset management is major step forward in demonstrating progress.

Note that the strategic asset management policy is a combination of asset management policy and asset management strategy. Some large urban municipalities in Ontario have developed both in addition to their asset management plan.

According to the ISO 55000, the international standard for asset management:

- An asset management policy sets the asset management objectives, articulates senior management's commitment to asset management, provides top direction regarding expectations and mandatory requirements, and defines the key principles that underpin asset management in an organization.*
- An asset management strategy defines what an organization intends to achieve from asset management activities and the timeline. It describes your long-term approach to asset management, specifies how your strategic objectives are translated into asset management objectives, the role of asset management strategy in supporting achievement of the asset management objectives, and the approach for developing an asset management plan.]*

Recommendations on Findings in 2016

It should be noted that the purpose of our engagement was not to identify recommendations, and accordingly, management cannot rely on our findings to discharge their responsibilities in this area.

3.2 – Incrementality

The following findings are brought forward from the year 2015. We have documented our observations for the year 2016

Observations

- In a number of instances, the municipalities were not aware of the base amount.
- In nine instances, the annual investment in tangible capital assets did not exceed the base amount. In some instances, there was an unusually large expense on a one-time capital project which resulted in a high base amount.
- In ten instances there was no formal procedure for monitoring of the current year's capital expenditure against the base amount.

Recommendation

- AMO should review and agree on the base amount with each municipality.
- AMO should notify the municipalities that comparison with the base amount should be completed as part of the capital expenditure budget. The municipalities should monitor on a quarterly/semi-annually basis the actual capital expenditure against the base amount.

Management response

- Work is underway in 2016 with municipalities to arrive at a base amount that excludes unusually large expenditures on one-time capital projects.
- AMO staff will ensure the issue of incrementality is addressed during several training workshops/webinars planned for 2016-17.
- AMO staff will set up an annual process to remind municipalities that comparing the base amount to proposed capital expenditures should be part of the annual capital expenditure budget process.

For 2016, AMO changed the specified procedure to inquiry of the staff as to whether the recipient is aware of the base amount and whether it is monitored annually within the recipient.

Observations in 2016

- In 10 instances, the municipalities were not aware of the base amount.
- In 2 instances, the base amount was not being monitored annually within the recipient

Management response

- In 2016 base amounts were adjusted for sixteen municipalities following the established Municipal Base Amount Adjustment Policy created February, 2016.
- An annual process has been set up to remind municipalities that comparing the base amount to proposed capital expenditures as part of the annual capital expenditure budget process.

Recommendations on Findings in 2016

- AMO will continue to work with municipalities to ensure they understand the incrementality requirement, or the need to ensure that a municipality's total annual expenditure on tangible capital assets over the life of the Agreement (2014-2023), on average, will not be less than the Base Amount.

3.3 – Contracts

The following findings are brought forward from the year 2015:

Observations

- In one instance, the recipient was unable to provide supporting documentation for one of the contacts awarded.

Recommendation

- The municipalities should be reminded that they need to comply with the procurement by-law.

Management response

- AMO staff will remind municipalities of the importance of following their municipal procurement by-law.

Observations in 2016

- In one instance, the procurement by-law was not followed for the contact awarded.

Management response

- In this instance council approved the expense, but without a motion to waive a procurement policy procedure. AMO has followed up with the municipality who has acknowledged the need to fully comply with their operational procedures.
- AMO continues to collect and share sample policies and procedures.

4.2 – Recipient Fully Responsible

The following were findings from the year 2015:

Observations

- In one instance, the Federal Gas Tax funds were used to pay down debt for water treatment plant which was built during 2004 and 2005. Costs incurred prior to April 2005 are not eligible.

Recommendation

- The municipalities should be reminded that they are fully responsible for the completion of each eligible project in accordance with Schedule B and Schedule C of the Agreement.

Recommendations on Findings in 2016

- The municipalities should be asked to set up a formal procedure for the identification of the category in which each project falls. The categorization should be reviewed and signed off by a responsible member of municipality's management.

Management response

- AMO is working with the municipality to reverse any possible ineligible expenditure.
- Through use of the Gas Tax Community and various capacity building activities, AMO staff will remind municipalities of eligible project categories and both eligible and ineligible expenditures as outlined in the Agreement. Treasurers, as the responsible member of a municipality's management, will be informed of the value in getting clarification on categories and instructing financial analysts and public works staff to seek clarification when unsure about proper categories. A recommended standard operating procedure for use of Gas Tax funds will be shared with all municipalities.

Observations in 2016

- No exceptions noted.

5.1 – Eligible Expenditures

The following were findings from the year 2015:

Observations

- In three instances, Federal Gas Tax funds were not applied to eligible expenditures as outlined in Schedule C of the Agreement.
 - In one instance, a recipient was unable to provide invoices selected for testing.
 - In one instance, approval was not obtained in advance from the Oversight Committee for the rental of a truck.
 - In one instance, approval was not obtained in advance from the Oversight Committee for the use of own labour and rental of equipment.

Recommendation

- The municipalities should be reminded of eligible and ineligible project expenditures in accordance with Schedule C of the Agreement. If a municipality is unsure, they should seek advice in advance from AMO.

Management response

- In one case the wording on contractor's invoice "rental of truck" was incorrect and has been changed to "use of vacuum truck" for a wastewater project.
- In another case AMO worked with a municipality to reverse an amount that was for own labour and equipment rental which accounted for less than 1% of the total funds.
- AMO will work to ensure that (1) all project expenditure reports are carefully reviewed; and (2) remind municipalities through various outreach/capacity building activities what are eligible and ineligible expenditures.

Recommendations on Findings in 2016

Observations in 2016

- No exceptions noted.

5.5 – Retention of Receipts

The following findings are brought forward from the year 2015:

Observations

- In three instances, we found that the municipality did not have a by-law for records retention.
- In seven instances, we found that the municipality did not track Federal Gas Tax funds separately in a reserve fund account.
- In one instance, the opening and closing balances of the Federal Gas Tax Fund account in the general ledger differed from the amounts reported to AMO in the Annual Expenditure Report.

Recommendation

- The municipalities should be asked to ensure that the amounts recorded in the Federal Gas Tax Fund account in the general ledger are correct and they should agree to the amounts reported to AMO in the Annual Expenditure Report.

Management response

- AMO has confirmed with the municipality that its records match that reported to AMO.
- AMO staff will remind municipalities of the best practice of having a municipal record retention by-law and the need to keep proper and accurate accounts and records of all Eligible Projects. This will be done through various capacity building activities in 2016/17.

Observations in 2016

- In two instances, we found that the municipality did not have a by-law for records retention.
- In two instances, we found that the municipality did not track Federal Gas Tax funds separately in a reserve fund account.
- In two instances, the opening and closing balances of the Federal Gas Tax Fund account in the general ledger differed from the amounts reported to AMO in the Annual Expenditure Report.

Management response

- AMO has provided municipalities with sample record retention by-laws and will continue to remind them of the best practice in having one.
- The two municipalities that did not track funds separately in a reserve fund account have confirmed that it is now separated in the general ledger. Interest on any unused funds is accounted for.
- AMO has confirmed with the two municipalities that its records match that reported to AMO.
 - In one case the difference of \$63.81 was related to an interest adjustment prior to the separate bank account being setup, which was adjusted after the 2016 report was submitted.

Recommendations on Findings in 2016

- In the other case, a small expenditure from 2015 was not reported to AMO, but has now been corrected.

6.6 – Use of Funds

The following findings are brought forward from the year 2015:

Observations

- An investment policy had not been established in eleven instances.
- In seven instances, no interest was earned as unspent funds were kept in a checking account. Interest earned on Federal Gas Tax funds had not been credited to Federal Gas Tax Fund account nor reported to AMO in the Annual Report.
- In seven cases Federal Gas Tax funds were not tracked separately in a reserve fund account.
- In one case interest credited to Federal Gas Tax Fund account was understated due to incorrect (lower) unspent funding balance in the general ledger and as a result the balance as per the general ledger differed from that reported to AMO in the Annual Expenditure Report.

Recommendation

- All municipalities should have an investment policy.
- Interest earned, irrespective of the amount, should be tracked and credited to the Federal Gas Tax Fund account.
- Separate Federal Gas Tax Fund account should be set up in the general ledger.

Management response

- AMO has followed up with these municipalities.
- AMO staff will remind all municipalities of the best practice of having an investment policy and that all amounts of interest earned are restricted revenues and must be credited to the gas tax fund account.
- AMO staff will remind municipalities that as per the Agreement, at a minimum, a separate account for federal Gas Tax within the general ledger needs to be set up.

Observations in 2016

- An investment policy had not been established in seventeen instances.
- In two instances Federal Gas Tax funds were not tracked separately in a reserve fund account.
- In one instance, interest earned on Federal Gas Tax funds had not been credited to Federal Gas Tax Fund account nor reported to AMO in the Annual Report.
- In one instance, interest credited to Federal Gas Tax Fund account and reported to AMO in the Annual Report was lower than the interest earned on Federal Gas Tax funds.

Management response

- AMO has followed up with these municipalities.

Recommendations on Findings in 2016

- AMO will continue work on strengthening municipal capacity in developing and implementing investment policies.
- In 2016 AMO clarified the policy for tracking reserve funds and in 2017 implemented a tracking tool to monitor this.

7.1 – Annual Reporting

The following findings are brought forward from the year 2015:

Observations

- In one instance, the Annual Expenditure Report was not completed properly as funding spent during the year was not reported.
- In one instance, the balance as per general ledger differed from that reported to AMO in Annual Expenditure Report. The report to AMO was noted as being correct.

Recommendation

- Municipalities must adhere to all reporting requirements.

Management response

- AMO has confirmed with the municipality that its records match that reported to AMO.
- AMO staff will remind municipalities of the reporting requirements and will continue to make improvements to the on-line reporting tool.

Observations in 2016

- In two instances, the balance as per general ledger differed from that reported to AMO in Annual Expenditure Report. The report to AMO was noted as being correct.

Management response

- AMO has confirmed with the two municipalities that its records match that reported to AMO.

8.1 – Asset Management Plan**Observations in 2016**

- In one instances, the Asset Management Plan has not yet been developed.

Recommendation

- The municipalities should be asked to develop and implement an Asset Management Plan as soon as possible as their development and implementation was due by December 31, 2016.

Recommendations on Findings in 2016

Management response

- Per guidelines provided in 2016, municipalities are required to continue working on improving their asset management plan. Gas Tax funds will not be withheld as long as municipalities can demonstrate progress.
- AMO has been working with this municipality and progress has been made with plan in place in 2017. Work has progressed to ensure that all assets are documented.

9.1 – Accounting Principles**Observations in 2016**

- In one instance, the audit report for the year ended December 31, 2015 (latest audited financial statements available) was qualified due to non-recognition of liability for cleanup of a contaminated site assumed by the recipient.
- In one instance, the audit report for the year ended December 31, 2015 (latest audited financial statements available) was qualified due to non-recognition of impairment loss of a tangible capital asset.

Recommendation

- The municipalities should be asked to comply with Public Sector Accounting Standards.

Management response

- AMO will continue to remind municipalities for the need to comply with PSAS noted in several guides prepared. AMO has confirmed that this had no impact on the funds used in these two municipalities.

9.2 – Separate records

The following findings are brought forward from the year 2015:

Observations

- In three instances, we found that there was no by-law for retention of records.

Recommendation

- The municipalities should be asked to adopt a by-law for record retention.

Management response

- AMO staff will remind municipalities of the best practice of having a municipal record retention by-law and will work with organizations such as AMCTO to provide this messaging

Observations in 2016

- In two instances, we found that there was no by-law for retention of records.

Recommendations on Findings in 2016

Management response

- AMO has provided municipalities with sample record retention by-laws and will continue to remind them of the best practice in having one.

10.1 – Insurance

The following findings are brought forward from the year 2015:

Observations

- In two instances, insurance certificate did not list Canada as additional insured.
- Insurance certificates were not obtained for each Eligible project.

Recommendation

- On receipt of insurance certificates by the municipalities, AMO staff should be instructed to verify that both Canada and AMO are listed as additional insured.

Management response

- AMO's workflow has been adjusted. Prior to acceptance of the receipt of the insurance certificates, certificates are now reviewed to ensure both Canada and AMO are named.
- Based on consultation with an insurance advisor, we posted a document in the Gas Tax community website indicating that recipients should ensure that they obtain blanket insurance with minimum coverage of \$5 million and naming both Canada and AMO as additional insurers.

Observations in 2016

- In two instances, insurance certificate did not list Canada as additional insured.

Management response

- Correct versions are on file with AMO.
- In one case, the original was submitted in early 2016 and then revised. The incorrect version was sent by the municipality to the auditors.

10.2 – Certificate of Insurance

The following were findings from the year 2015:

Observations

- In two cases insurance certificate had not been submitted to AMO as at the time of audit fieldwork.

Recommendation

- The municipalities should be required to submit the certificate of insurance to AMO at the time of completion of the Annual Expenditure Report.

Recommendations on Findings in 2016

Management response

- Municipalities currently have to submit an annual Certificate of Insurance separately. AMO is looking to make changes to the Gas Tax reporting system that will allow municipalities to submit the certificate as part of the on-line reporting tool.

Observations in 2016

- No exceptions noted.

11.3 – Public Use**Observations in 2016**

- In one instance, there was no asset inventory or listing of assets which support that recipient has retained the assets.

Recommendation

- The municipalities should be asked to prepare asset inventory or listing of assets as soon as possible.

Management response

- In 2016/17 work has progressed in ensuring all assets are documented and have historical values calculated. The municipality is expected to have a complete asset inventory by the end of 2017.

Risk Management Questionnaire

The following were findings from the year 2015:

Observations

- We found that a number of municipalities, even though they did not have a written policy or standard operating procedure, had answered “yes” to the question in the 2015 Risk Management Questionnaire simply because they were performing the process noted in the question.
- In one case a municipality answered “no” even though there was a written procurement policy.

Recommendation

- AMO should remind the municipalities that the questions in the questionnaire should only be answered “yes” if they have a written policy or standard operating procedure.
- AMO should also set up annual monitoring of the responses to the annual questionnaire to ensure steady progress towards achieving “yes” responses to all the questions.

Recommendations on Findings in 2016

Management response

- AMO will notify municipalities that in completing or updating the risk management question “yes” means the municipality has a written policy or standard operating procedure.
- AMO is working with MFOA to collect and share SOP samples.

Observations in 2016

- AMO revised the Risk Management Questionnaire for 2016 to 12 questions (as compared to 27 in the 2015 Risk Management Questionnaire) on financial policies and standard operating procedures. The revised questionnaire contains instructions, definitions, and sample policies and standard operating procedures.
- No exceptions were noted.

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
1	Bruce Co	Bruce Co	UT	64,709	\$ 1,967,359.66	\$ 1,967,359.66	\$ 2,061,043.46
2	Arran-Elderslie M	Bruce Co	LT	6,810	\$ 207,045.69	\$ 207,045.69	\$ 216,905.00
3	Brockton M	Bruce Co	LT	9,432	\$ 286,762.84	\$ 286,762.84	\$ 300,418.21
4	Huron-Kinloss Tp	Bruce Co	LT	6,790	\$ 206,437.62	\$ 206,437.62	\$ 216,267.99
5	Kincardine M	Bruce Co	LT	11,174	\$ 339,725.18	\$ 339,725.18	\$ 355,902.57
6	Northern Bruce Peninsula M	Bruce Co	LT	3,744	\$ 113,829.52	\$ 113,829.52	\$ 119,249.98
7	Saugeen Shores T	Bruce Co	LT	12,661	\$ 384,934.72	\$ 384,934.72	\$ 403,264.94
8	South Bruce M	Bruce Co	LT	5,685	\$ 172,842.10	\$ 172,842.10	\$ 181,072.68
9	South Bruce Peninsula T	Bruce Co	LT	8,413	\$ 255,781.99	\$ 255,781.99	\$ 267,962.09
10	Dufferin Co	Dufferin Co	UT	56,881	\$ 1,729,363.53	\$ 1,729,363.53	\$ 1,811,714.18
11	Amaranth Tp	Dufferin Co	LT	3,963	\$ 120,487.82	\$ 120,487.82	\$ 126,225.34
12	East Garafraxa Tp	Dufferin Co	LT	2,595	\$ 78,896.26	\$ 78,896.26	\$ 82,653.23
13	Grand Valley T	Dufferin Co	LT	2,726	\$ 82,879.08	\$ 82,879.08	\$ 86,825.70
14	Melancthon Tp	Dufferin Co	LT	2,839	\$ 86,314.64	\$ 86,314.64	\$ 90,424.86
15	Mono T	Dufferin Co	LT	7,546	\$ 229,422.43	\$ 229,422.43	\$ 240,347.31
16	Mulmur Tp	Dufferin Co	LT	3,391	\$ 103,097.20	\$ 103,097.20	\$ 108,006.59
17	Orangeville T	Dufferin Co	LT	27,975	\$ 850,529.09	\$ 850,529.09	\$ 891,030.47
18	Shelburne T	Dufferin Co	LT	5,846	\$ 177,737.02	\$ 177,737.02	\$ 186,200.68
19	Durham R	Durham R	UT	608,031	\$ 18,486,078.64	\$ 18,486,078.64	\$ 19,366,368.10
20	Ajax T	Durham R	LT	109,600	\$ 3,332,189.02	\$ 3,332,189.02	\$ 3,490,864.68
21	Brock Tp	Durham R	LT	11,341	\$ 344,802.51	\$ 344,802.51	\$ 361,221.68
22	Clarington M	Durham R	LT	84,548	\$ 2,570,528.44	\$ 2,570,528.44	\$ 2,692,934.55
23	Oshawa C	Durham R	LT	149,607	\$ 4,548,529.22	\$ 4,548,529.22	\$ 4,765,125.84
24	Pickering C	Durham R	LT	88,721	\$ 2,697,400.93	\$ 2,697,400.93	\$ 2,825,848.59
25	Scugog Tp	Durham R	LT	21,569	\$ 655,766.29	\$ 655,766.29	\$ 686,993.25
26	Uxbridge Tp	Durham R	LT	20,623	\$ 627,004.87	\$ 627,004.87	\$ 656,862.25
27	Whitby T	Durham R	LT	122,022	\$ 3,709,857.37	\$ 3,709,857.37	\$ 3,886,517.25
28	Elgin Co	Elgin Co	UT	49,556	\$ 1,506,660.21	\$ 1,506,660.21	\$ 1,578,405.93
29	Aylmer T	Elgin Co	LT	7,151	\$ 217,413.17	\$ 217,413.17	\$ 227,766.18
30	Bayham M	Elgin Co	LT	6,989	\$ 212,487.86	\$ 212,487.86	\$ 222,606.33
31	Central Elgin M	Elgin Co	LT	12,743	\$ 387,427.78	\$ 387,427.78	\$ 405,876.72
32	Dutton-Dunwich M	Elgin Co	LT	3,876	\$ 117,842.74	\$ 117,842.74	\$ 123,454.30
33	Malahide Tp	Elgin Co	LT	9,146	\$ 278,067.53	\$ 278,067.53	\$ 291,308.84
34	Southwold Tp	Elgin Co	LT	4,494	\$ 136,631.91	\$ 136,631.91	\$ 143,138.19
35	West Elgin M	Elgin Co	LT	5,157	\$ 156,789.22	\$ 156,789.22	\$ 164,255.38
36	Essex Co	Essex Co	UT	177,720	\$ 5,403,253.94	\$ 5,403,253.94	\$ 5,660,551.75
37	Amherstburg T	Essex Co	LT	21,556	\$ 655,371.04	\$ 655,371.04	\$ 686,579.19
38	Essex T	Essex Co	LT	19,600	\$ 595,902.42	\$ 595,902.42	\$ 624,278.72
39	Kingsville T	Essex Co	LT	21,362	\$ 649,472.83	\$ 649,472.83	\$ 680,400.10
40	Lakeshore T	Essex Co	LT	34,546	\$ 1,050,308.41	\$ 1,050,308.41	\$ 1,100,323.10
41	LaSalle T	Essex Co	LT	28,643	\$ 870,838.41	\$ 870,838.41	\$ 912,306.91
42	Leamington M	Essex Co	LT	28,403	\$ 863,541.65	\$ 863,541.65	\$ 904,662.68

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
43	Tecumseh T	Essex Co	LT	23,610	\$ 717,819.18	\$ 717,819.18	\$ 752,001.05
44	Frontenac Co	Frontenac Co	UT	26,375	\$ 801,883.99	\$ 801,883.99	\$ 840,068.94
45	Central Frontenac Tp	Frontenac Co	LT	4,556	\$ 138,516.91	\$ 138,516.91	\$ 145,112.95
46	Frontenac Islands Tp	Frontenac Co	LT	1,864	\$ 56,671.54	\$ 56,671.54	\$ 59,370.18
47	North Frontenac Tp	Frontenac Co	LT	1,842	\$ 56,002.67	\$ 56,002.67	\$ 58,669.46
48	South Frontenac Tp	Frontenac Co	LT	18,113	\$ 550,692.88	\$ 550,692.88	\$ 576,916.35
49	Grey Co	Grey Co	UT	92,568	\$ 2,814,361.98	\$ 2,814,361.98	\$ 2,948,379.21
50	Chatsworth Tp	Grey Co	LT	6,437	\$ 195,705.30	\$ 195,705.30	\$ 205,024.60
51	Georgian Bluffs Tp	Grey Co	LT	10,404	\$ 316,314.73	\$ 316,314.73	\$ 331,377.34
52	Grey Highlands M	Grey Co	LT	9,520	\$ 289,438.32	\$ 289,438.32	\$ 303,221.09
53	Hanover T	Grey Co	LT	7,490	\$ 227,719.85	\$ 227,719.85	\$ 238,563.65
54	Meaford M	Grey Co	LT	11,100	\$ 337,475.35	\$ 337,475.35	\$ 353,545.60
55	Owen Sound C	Grey Co	LT	21,688	\$ 659,384.26	\$ 659,384.26	\$ 690,783.51
56	Southgate Tp	Grey Co	LT	7,190	\$ 218,598.90	\$ 218,598.90	\$ 229,008.37
57	The Blue Mountains T	Grey Co	LT	6,453	\$ 196,191.75	\$ 196,191.75	\$ 205,534.21
58	West Grey M	Grey Co	LT	12,286	\$ 373,533.52	\$ 373,533.52	\$ 391,320.83
59	Haliburton Co	Haliburton Co	UT	17,026	\$ 517,644.62	\$ 517,644.62	\$ 542,294.36
60	Algonquin Highlands Tp	Haliburton Co	LT	2,156	\$ 65,549.27	\$ 65,549.27	\$ 68,670.66
61	Dysart et al M	Haliburton Co	LT	5,966	\$ 181,385.40	\$ 181,385.40	\$ 190,022.80
62	Highlands East M	Haliburton Co	LT	3,249	\$ 98,779.95	\$ 98,779.95	\$ 103,483.75
63	Minden Hills Tp	Haliburton Co	LT	5,655	\$ 171,930.01	\$ 171,930.01	\$ 180,117.15
64	Halton R	Halton R	UT	501,669	\$ 15,252,335.14	\$ 15,252,335.14	\$ 15,978,636.81
65	Burlington C	Halton R	LT	175,779	\$ 5,344,241.36	\$ 5,344,241.36	\$ 5,598,729.04
66	Halton Hills T	Halton R	LT	59,008	\$ 1,794,031.11	\$ 1,794,031.11	\$ 1,879,461.16
67	Milton T	Halton R	LT	84,362	\$ 2,564,873.45	\$ 2,564,873.45	\$ 2,687,010.28
68	Oakville T	Halton R	LT	182,520	\$ 5,549,189.23	\$ 5,549,189.23	\$ 5,813,436.33
69	Hastings Co	Hastings Co	UT	39,888	\$ 1,212,722.22	\$ 1,212,722.22	\$ 1,270,470.90
70	Bancroft T	Hastings Co	LT	3,880	\$ 117,964.36	\$ 117,964.36	\$ 123,581.71
71	Carlow/Mayo Tp	Hastings Co	LT	892	\$ 27,119.64	\$ 27,119.64	\$ 28,411.05
72	Centre Hastings M	Hastings Co	LT	4,543	\$ 138,121.67	\$ 138,121.67	\$ 144,698.89
73	Deseronto T	Hastings Co	LT	1,835	\$ 55,789.84	\$ 55,789.84	\$ 58,446.50
74	Faraday Tp	Hastings Co	LT	1,468	\$ 44,631.87	\$ 44,631.87	\$ 46,757.20
75	Hastings Highlands M	Hastings Co	LT	4,168	\$ 126,720.47	\$ 126,720.47	\$ 132,754.78
76	Limerick Tp	Hastings Co	LT	352	\$ 10,701.92	\$ 10,701.92	\$ 11,211.54
77	Madoc Tp	Hastings Co	LT	2,197	\$ 66,795.80	\$ 66,795.80	\$ 69,976.55
78	Marmora and Lake M	Hastings Co	LT	4,074	\$ 123,862.57	\$ 123,862.57	\$ 129,760.79
79	Stirling-Rawdon Tp	Hastings Co	LT	4,978	\$ 151,347.05	\$ 151,347.05	\$ 158,554.05
80	Tudor and Cashel Tp	Hastings Co	LT	586	\$ 17,816.27	\$ 17,816.27	\$ 18,664.66
81	Tweed M	Hastings Co	LT	6,057	\$ 184,152.09	\$ 184,152.09	\$ 192,921.24
82	Tyendinaga Tp	Hastings Co	LT	4,150	\$ 126,173.22	\$ 126,173.22	\$ 132,181.46
83	Wollaston Tp	Hastings Co	LT	708	\$ 21,525.45	\$ 21,525.45	\$ 22,550.48
84	Huron Co	Huron Co	UT	59,100	\$ 1,796,828.20	\$ 1,796,828.20	\$ 1,882,391.45

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
85	Ashfield-Colborne-Wawanosh Tp	Huron Co	LT	5,582	\$ 169,710.58	\$ 169,710.58	\$ 177,792.03
86	Bluewater M	Huron Co	LT	7,044	\$ 214,160.03	\$ 214,160.03	\$ 224,358.13
87	Central Huron M	Huron Co	LT	7,591	\$ 230,790.57	\$ 230,790.57	\$ 241,780.60
88	Goderich T	Huron Co	LT	7,521	\$ 228,662.35	\$ 228,662.35	\$ 239,551.03
89	Howick Tp	Huron Co	LT	3,856	\$ 117,234.68	\$ 117,234.68	\$ 122,817.28
90	Huron East M	Huron Co	LT	9,264	\$ 281,655.10	\$ 281,655.10	\$ 295,067.25
91	Morris-Turnberry M	Huron Co	LT	3,413	\$ 103,766.07	\$ 103,766.07	\$ 108,707.31
92	North Huron Tp	Huron Co	LT	4,884	\$ 148,489.15	\$ 148,489.15	\$ 155,560.06
93	South Huron M	Huron Co	LT	9,945	\$ 302,359.67	\$ 302,359.67	\$ 316,757.75
94	Lambton Co	Lambton Co	UT	124,623	\$ 3,788,936.06	\$ 3,788,936.06	\$ 3,969,361.58
95	Brooke-Alvinston M	Lambton Co	LT	2,548	\$ 77,467.31	\$ 77,467.31	\$ 81,156.23
96	Dawn-Euphemia Tp	Lambton Co	LT	2,049	\$ 62,296.13	\$ 62,296.13	\$ 65,262.61
97	Enniskillen Tp	Lambton Co	LT	2,930	\$ 89,081.33	\$ 89,081.33	\$ 93,323.30
98	Lambton Shores M	Lambton Co	LT	10,656	\$ 323,976.33	\$ 323,976.33	\$ 339,403.78
99	Oil Springs V	Lambton Co	LT	704	\$ 21,403.84	\$ 21,403.84	\$ 22,423.07
100	Petrolia T	Lambton Co	LT	5,528	\$ 168,068.80	\$ 168,068.80	\$ 176,072.08
101	Plympton-Wyoming T	Lambton Co	LT	7,576	\$ 230,334.53	\$ 230,334.53	\$ 241,302.84
102	Point Edward V	Lambton Co	LT	2,034	\$ 61,840.08	\$ 61,840.08	\$ 64,784.84
103	Sarnia C	Lambton Co	LT	72,366	\$ 2,200,156.85	\$ 2,200,156.85	\$ 2,304,926.22
104	St. Clair Tp	Lambton Co	LT	14,515	\$ 441,302.22	\$ 441,302.22	\$ 462,316.61
105	Warwick Tp	Lambton Co	LT	3,717	\$ 113,008.64	\$ 113,008.64	\$ 118,390.00
106	Lanark Co	Lanark Co	UT	56,689	\$ 1,723,526.12	\$ 1,723,526.12	\$ 1,805,598.80
107	Beckwith Tp	Lanark Co	LT	6,986	\$ 212,396.65	\$ 212,396.65	\$ 222,510.77
108	Carleton Place T	Lanark Co	LT	9,809	\$ 298,224.84	\$ 298,224.84	\$ 312,426.02
109	Drummond-North Elmsley Tp	Lanark Co	LT	7,487	\$ 227,628.64	\$ 227,628.64	\$ 238,468.10
110	Lanark Highlands Tp	Lanark Co	LT	5,128	\$ 155,907.53	\$ 155,907.53	\$ 163,331.70
111	Mississippi Mills T	Lanark Co	LT	12,385	\$ 376,543.44	\$ 376,543.44	\$ 394,474.08
112	Montague Tp	Lanark Co	LT	3,483	\$ 105,894.29	\$ 105,894.29	\$ 110,936.88
113	Perth T	Lanark Co	LT	5,840	\$ 177,554.60	\$ 177,554.60	\$ 186,009.58
114	Tay Valley Tp	Lanark Co	LT	5,571	\$ 169,376.14	\$ 169,376.14	\$ 177,441.67
115	Leeds and Grenville UCo	Leeds and Grenville UCo	UT	68,030	\$ 2,068,328.64	\$ 2,068,328.64	\$ 2,166,820.48
116	Athens Tp	Leeds and Grenville UCo	LT	3,118	\$ 94,797.13	\$ 94,797.13	\$ 99,311.28
117	Augusta Tp	Leeds and Grenville UCo	LT	7,430	\$ 225,895.66	\$ 225,895.66	\$ 236,652.60
118	Edwardsburgh/Cardinal Tp	Leeds and Grenville UCo	LT	6,959	\$ 211,575.76	\$ 211,575.76	\$ 221,650.80
119	Elizabethtown-Kitley Tp	Leeds and Grenville UCo	LT	9,724	\$ 295,640.57	\$ 295,640.57	\$ 309,718.69
120	Front of Yonge Tp	Leeds and Grenville UCo	LT	2,752	\$ 83,669.56	\$ 83,669.56	\$ 87,653.83
121	Leeds and the Thousand Islands Tp	Leeds and Grenville UCo	LT	9,277	\$ 282,050.34	\$ 282,050.34	\$ 295,481.31
122	Merrickville-Wolford V	Leeds and Grenville UCo	LT	2,850	\$ 86,649.08	\$ 86,649.08	\$ 90,775.22
123	North Grenville M	Leeds and Grenville UCo	LT	15,085	\$ 458,632.04	\$ 458,632.04	\$ 480,471.66
124	Rideau Lakes Tp	Leeds and Grenville UCo	LT	10,207	\$ 310,325.30	\$ 310,325.30	\$ 325,102.70
125	Westport V	Leeds and Grenville UCo	LT	628	\$ 19,093.20	\$ 19,093.20	\$ 20,002.40
126	Lennox and Addington Co	Lennox and Addington Co	UT	41,824	\$ 1,271,582.79	\$ 1,271,582.79	\$ 1,332,134.35

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
127	Addington Highlands Tp	Lennox and Addington Co	LT	2,532	\$ 76,980.86	\$ 76,980.86	\$ 80,646.62
128	Greater Napanee T	Lennox and Addington Co	LT	15,511	\$ 471,583.79	\$ 471,583.79	\$ 494,040.16
129	Loyalist Tp	Lennox and Addington Co	LT	16,221	\$ 493,170.06	\$ 493,170.06	\$ 516,654.34
130	Stone Mills Tp	Lennox and Addington Co	LT	7,560	\$ 229,848.07	\$ 229,848.07	\$ 240,793.22
131	Middlesex Co	Middlesex Co	UT	70,796	\$ 2,152,423.85	\$ 2,152,423.85	\$ 2,254,920.22
132	Adelaide-Metcalf Tp	Middlesex Co	LT	3,028	\$ 92,060.84	\$ 92,060.84	\$ 96,444.69
133	Lucan Biddulph Tp	Middlesex Co	LT	4,338	\$ 131,889.01	\$ 131,889.01	\$ 138,169.44
134	Middlesex Centre M	Middlesex Co	LT	16,487	\$ 501,257.30	\$ 501,257.30	\$ 525,126.70
135	Newbury V	Middlesex Co	LT	447	\$ 13,590.22	\$ 13,590.22	\$ 14,237.38
136	North Middlesex M	Middlesex Co	LT	6,658	\$ 202,424.40	\$ 202,424.40	\$ 212,063.66
137	Southwest Middlesex M	Middlesex Co	LT	5,860	\$ 178,162.66	\$ 178,162.66	\$ 186,646.60
138	Strathroy-Caradoc M	Middlesex Co	LT	20,978	\$ 637,798.00	\$ 637,798.00	\$ 668,169.34
139	Thames Centre M	Middlesex Co	LT	13,000	\$ 395,241.40	\$ 395,241.40	\$ 414,062.42
140	Muskoka D	Muskoka D	UT	59,220	\$ 1,800,476.58	\$ 1,800,476.58	\$ 1,886,213.56
141	Bracebridge T	Muskoka D	LT	15,414	\$ 468,634.69	\$ 468,634.69	\$ 490,950.62
142	Georgian Bay Tp	Muskoka D	LT	2,482	\$ 75,460.70	\$ 75,460.70	\$ 79,054.07
143	Gravenhurst T	Muskoka D	LT	12,055	\$ 366,510.39	\$ 366,510.39	\$ 383,963.26
144	Huntsville T	Muskoka D	LT	19,056	\$ 579,363.08	\$ 579,363.08	\$ 606,951.80
145	Lake of Bays Tp	Muskoka D	LT	3,506	\$ 106,593.56	\$ 106,593.56	\$ 111,669.45
146	Muskoka Lakes Tp	Muskoka D	LT	6,707	\$ 203,914.16	\$ 203,914.16	\$ 213,624.36
147	Niagara R	Niagara R	UT	431,346	\$ 13,114,292.00	\$ 13,114,292.00	\$ 13,738,782.09
148	Fort Erie T	Niagara R	LT	29,960	\$ 910,879.41	\$ 910,879.41	\$ 954,254.62
149	Grimsby T	Niagara R	LT	25,325	\$ 769,960.65	\$ 769,960.65	\$ 806,625.44
150	Lincoln T	Niagara R	LT	22,487	\$ 683,676.41	\$ 683,676.41	\$ 716,232.43
151	Niagara Falls C	Niagara R	LT	82,997	\$ 2,523,373.10	\$ 2,523,373.10	\$ 2,643,533.72
152	Niagara-on-the-Lake T	Niagara R	LT	15,400	\$ 468,209.04	\$ 468,209.04	\$ 490,504.71
153	Pelham T	Niagara R	LT	16,598	\$ 504,632.06	\$ 504,632.06	\$ 528,662.15
154	Port Colborne C	Niagara R	LT	18,424	\$ 560,148.27	\$ 560,148.27	\$ 586,822.00
155	St. Catharines C	Niagara R	LT	131,400	\$ 3,994,978.44	\$ 3,994,978.44	\$ 4,185,215.50
156	Thorold C	Niagara R	LT	17,931	\$ 545,159.50	\$ 545,159.50	\$ 571,119.48
157	Wainfleet Tp	Niagara R	LT	6,356	\$ 193,242.64	\$ 193,242.64	\$ 202,444.67
158	Welland C	Niagara R	LT	50,631	\$ 1,539,343.63	\$ 1,539,343.63	\$ 1,612,645.71
159	West Lincoln Tp	Niagara R	LT	13,837	\$ 420,688.86	\$ 420,688.86	\$ 440,721.67
160	Northumberland Co	Northumberland Co	UT	81,657	\$ 2,482,632.83	\$ 2,482,632.83	\$ 2,600,853.44
161	Alnwick-Haldimand Tp	Northumberland Co	LT	6,617	\$ 201,177.87	\$ 201,177.87	\$ 210,757.77
162	Brighton M	Northumberland Co	LT	10,928	\$ 332,246.00	\$ 332,246.00	\$ 348,067.24
163	Cobourg T	Northumberland Co	LT	18,519	\$ 563,036.57	\$ 563,036.57	\$ 589,847.84
164	Cramahe Tp	Northumberland Co	LT	6,073	\$ 184,638.54	\$ 184,638.54	\$ 193,430.85
165	Hamilton Tp	Northumberland Co	LT	10,702	\$ 325,374.88	\$ 325,374.88	\$ 340,868.92
166	Port Hope T	Northumberland Co	LT	16,214	\$ 492,957.23	\$ 492,957.23	\$ 516,431.39
167	Trent Hills M	Northumberland Co	LT	12,604	\$ 383,201.74	\$ 383,201.74	\$ 401,449.44
168	Oxford Co	Oxford Co	UT	105,719	\$ 3,214,194.26	\$ 3,214,194.26	\$ 3,367,251.12

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
169	Blandford - Blenheim Tp	Oxford Co	LT	7,359	\$ 223,737.03	\$ 223,737.03	\$ 234,391.18
170	East Zorra - Tavistock Tp	Oxford Co	LT	6,836	\$ 207,836.17	\$ 207,836.17	\$ 217,733.13
171	Ingersoll T	Oxford Co	LT	12,146	\$ 369,277.08	\$ 369,277.08	\$ 386,861.70
172	Norwich Tp	Oxford Co	LT	10,721	\$ 325,952.54	\$ 325,952.54	\$ 341,474.09
173	South-West Oxford Tp	Oxford Co	LT	7,544	\$ 229,361.62	\$ 229,361.62	\$ 240,283.61
174	Tillsonburg T	Oxford Co	LT	15,301	\$ 465,199.13	\$ 465,199.13	\$ 487,351.46
175	Woodstock C	Oxford Co	LT	37,754	\$ 1,147,841.83	\$ 1,147,841.83	\$ 1,202,500.96
176	Zorra Tp	Oxford Co	LT	8,058	\$ 244,988.86	\$ 244,988.86	\$ 256,655.00
177	Peel R	Peel R	UT	1,296,814	\$ 39,427,275.24	\$ 39,427,275.24	\$ 41,304,764.52
178	Brampton C	Peel R	LT	523,911	\$ 15,928,562.77	\$ 15,928,562.77	\$ 16,687,065.75
179	Caledon T	Peel R	LT	59,460	\$ 1,807,773.35	\$ 1,807,773.35	\$ 1,893,857.79
180	Mississauga C	Peel R	LT	713,443	\$ 21,690,939.12	\$ 21,690,939.12	\$ 22,723,840.98
181	Perth Co	Perth Co	UT	37,571	\$ 1,142,278.04	\$ 1,142,278.04	\$ 1,196,672.24
182	North Perth T	Perth Co	LT	12,631	\$ 384,022.62	\$ 384,022.62	\$ 402,309.41
183	Perth East Tp	Perth Co	LT	12,028	\$ 365,689.50	\$ 365,689.50	\$ 383,103.29
184	Perth South Tp	Perth Co	LT	3,993	\$ 121,399.92	\$ 121,399.92	\$ 127,180.86
185	West Perth M	Perth Co	LT	8,919	\$ 271,166.00	\$ 271,166.00	\$ 284,078.67
186	Peterborough Co	Peterborough Co	UT	54,870	\$ 1,668,222.73	\$ 1,668,222.73	\$ 1,747,661.91
187	Asphodel-Norwood Tp	Peterborough Co	LT	4,041	\$ 122,859.27	\$ 122,859.27	\$ 128,709.71
188	Cavan Monaghan Tp	Peterborough Co	LT	8,601	\$ 261,497.79	\$ 261,497.79	\$ 273,950.06
189	Douro-Dummer Tp	Peterborough Co	LT	6,805	\$ 206,893.67	\$ 206,893.67	\$ 216,745.75
190	Trent Lakes M	Peterborough Co	LT	5,105	\$ 155,208.26	\$ 155,208.26	\$ 162,599.13
191	Havelock-Belmont-Methuen Tp	Peterborough Co	LT	4,523	\$ 137,513.60	\$ 137,513.60	\$ 144,061.87
192	North Kawartha Tp	Peterborough Co	LT	2,289	\$ 69,592.89	\$ 69,592.89	\$ 72,906.84
193	Otonabee-South Monaghan Tp	Peterborough Co	LT	6,660	\$ 202,485.21	\$ 202,485.21	\$ 212,127.36
194	Selwyn Tp	Peterborough Co	LT	16,846	\$ 512,172.05	\$ 512,172.05	\$ 536,561.19
195	Prescott and Russell UCo	Prescott and Russell UCo	UT	85,381	\$ 2,595,854.29	\$ 2,595,854.29	\$ 2,719,466.40
196	Alfred and Plantagenet Tp	Prescott and Russell UCo	LT	9,196	\$ 279,587.68	\$ 279,587.68	\$ 292,901.38
197	Casselman V	Prescott and Russell UCo	LT	3,626	\$ 110,241.95	\$ 110,241.95	\$ 115,491.56
198	Champlain Tp	Prescott and Russell UCo	LT	8,573	\$ 260,646.50	\$ 260,646.50	\$ 273,058.24
199	Clarence-Rockland C	Prescott and Russell UCo	LT	23,185	\$ 704,897.83	\$ 704,897.83	\$ 738,464.39
200	East Hawkesbury Tp	Prescott and Russell UCo	LT	3,335	\$ 101,394.62	\$ 101,394.62	\$ 106,222.94
201	Hawkesbury T	Prescott and Russell UCo	LT	10,551	\$ 320,784.00	\$ 320,784.00	\$ 336,059.43
202	Russell Tp	Prescott and Russell UCo	LT	15,247	\$ 463,557.35	\$ 463,557.35	\$ 485,631.51
203	The Nation M	Prescott and Russell UCo	LT	11,668	\$ 354,744.36	\$ 354,744.36	\$ 371,636.94
204	Renfrew Co	Renfrew Co	UT	86,534	\$ 2,630,909.16	\$ 2,630,909.16	\$ 2,756,190.55
205	Admaston/Bromley Tp	Renfrew Co	LT	2,844	\$ 86,466.66	\$ 86,466.66	\$ 90,584.12
206	Arnprior T	Renfrew Co	LT	8,114	\$ 246,691.44	\$ 246,691.44	\$ 258,438.65
207	Bonnechere Valley Tp	Renfrew Co	LT	3,763	\$ 114,407.18	\$ 114,407.18	\$ 119,855.14
208	Brudenell, Lynoch and Raglan Tp	Renfrew Co	LT	1,658	\$ 50,408.48	\$ 50,408.48	\$ 52,808.88
209	Deep River T	Renfrew Co	LT	4,193	\$ 127,480.55	\$ 127,480.55	\$ 133,551.05
210	Greater Madawaska Tp	Renfrew Co	LT	2,485	\$ 75,551.91	\$ 75,551.91	\$ 79,149.62

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
211	Head, Clara and Maria Tp	Renfrew Co	LT	235	\$ 7,144.75	\$ 7,144.75	\$ 7,484.97
212	Horton Tp	Renfrew Co	LT	2,719	\$ 82,666.26	\$ 82,666.26	\$ 86,602.75
213	Killaloe, Hagarty and Richards Tp	Renfrew Co	LT	2,402	\$ 73,028.45	\$ 73,028.45	\$ 76,505.99
214	Laurentian Hills T	Renfrew Co	LT	2,811	\$ 85,463.35	\$ 85,463.35	\$ 89,533.03
215	Laurentian Valley Tp	Renfrew Co	LT	9,657	\$ 293,603.55	\$ 293,603.55	\$ 307,584.67
216	Madawaska Valley Tp	Renfrew Co	LT	4,282	\$ 130,186.44	\$ 130,186.44	\$ 136,385.79
217	McNab-Braeside Tp	Renfrew Co	LT	7,371	\$ 224,101.87	\$ 224,101.87	\$ 234,773.39
218	North Algona-Wilberforce Tp	Renfrew Co	LT	2,873	\$ 87,348.35	\$ 87,348.35	\$ 91,507.79
219	Petawawa T	Renfrew Co	LT	15,988	\$ 486,086.11	\$ 486,086.11	\$ 509,233.07
220	Renfrew T	Renfrew Co	LT	8,218	\$ 249,853.37	\$ 249,853.37	\$ 261,751.15
221	Whitewater Region Tp	Renfrew Co	LT	6,921	\$ 210,420.44	\$ 210,420.44	\$ 220,440.46
222	Simcoe Co	Simcoe Co	UT	277,262	\$ 8,429,647.73	\$ 8,429,647.73	\$ 8,831,059.52
223	Adjala-Tosorontio Tp	Simcoe Co	LT	10,603	\$ 322,364.96	\$ 322,364.96	\$ 337,715.68
224	Bradford-West Gwillimbury T	Simcoe Co	LT	28,077	\$ 853,630.21	\$ 853,630.21	\$ 894,279.27
225	Clearview Tp	Simcoe Co	LT	13,734	\$ 417,557.34	\$ 417,557.34	\$ 437,441.02
226	Collingwood T	Simcoe Co	LT	19,241	\$ 584,987.67	\$ 584,987.67	\$ 612,844.23
227	Essa Tp	Simcoe Co	LT	18,505	\$ 562,610.93	\$ 562,610.93	\$ 589,401.92
228	Innisfil T	Simcoe Co	LT	32,727	\$ 995,005.02	\$ 995,005.02	\$ 1,042,386.21
229	Midland T	Simcoe Co	LT	16,572	\$ 503,841.57	\$ 503,841.57	\$ 527,834.03
230	New Tecumseth T	Simcoe Co	LT	30,234	\$ 919,209.88	\$ 919,209.88	\$ 962,981.78
231	Oro-Medonte Tp	Simcoe Co	LT	20,078	\$ 610,435.14	\$ 610,435.14	\$ 639,503.48
232	Penetanguishene T	Simcoe Co	LT	9,111	\$ 277,003.41	\$ 277,003.41	\$ 290,194.05
233	Ramara Tp	Simcoe Co	LT	9,275	\$ 281,989.54	\$ 281,989.54	\$ 295,417.61
234	Severn Tp	Simcoe Co	LT	12,377	\$ 376,300.21	\$ 376,300.21	\$ 394,219.27
235	Springwater Tp	Simcoe Co	LT	18,223	\$ 554,037.23	\$ 554,037.23	\$ 580,419.96
236	Tay Tp	Simcoe Co	LT	9,736	\$ 296,005.40	\$ 296,005.40	\$ 310,100.90
237	Tiny Tp	Simcoe Co	LT	11,232	\$ 341,488.57	\$ 341,488.57	\$ 357,749.93
238	Wasaga Beach T	Simcoe Co	LT	17,537	\$ 533,180.65	\$ 533,180.65	\$ 558,570.20
239	Stormont, Dundas and Glengarry UCo	Stormont, Dundas and Glengarry UCo	UT	64,824	\$ 1,970,856.03	\$ 1,970,856.03	\$ 2,064,706.32
240	North Dundas Tp	Stormont, Dundas and Glengarry UCo	LT	11,225	\$ 341,275.75	\$ 341,275.75	\$ 357,526.97
241	North Glengarry Tp	Stormont, Dundas and Glengarry UCo	LT	10,251	\$ 311,663.04	\$ 311,663.04	\$ 326,504.14
242	North Stormont Tp	Stormont, Dundas and Glengarry UCo	LT	6,775	\$ 205,981.57	\$ 205,981.57	\$ 215,790.22
243	South Dundas Tp	Stormont, Dundas and Glengarry UCo	LT	10,794	\$ 328,171.97	\$ 328,171.97	\$ 343,799.21
244	South Glengarry Tp	Stormont, Dundas and Glengarry UCo	LT	13,162	\$ 400,166.71	\$ 400,166.71	\$ 419,222.27
245	South Stormont Tp	Stormont, Dundas and Glengarry UCo	LT	12,617	\$ 383,596.98	\$ 383,596.98	\$ 401,863.50
246	Waterloo R	Waterloo R	UT	507,096	\$ 15,417,333.22	\$ 15,417,333.22	\$ 16,151,491.94
247	Cambridge C	Waterloo R	LT	126,748	\$ 3,853,542.82	\$ 3,853,542.82	\$ 4,037,044.86
248	Kitchener C	Waterloo R	LT	219,153	\$ 6,662,949.08	\$ 6,662,949.08	\$ 6,980,232.37
249	North Dumfries Tp	Waterloo R	LT	9,334	\$ 283,783.32	\$ 283,783.32	\$ 297,296.82
250	Waterloo C	Waterloo R	LT	98,780	\$ 3,003,226.56	\$ 3,003,226.56	\$ 3,146,237.35
251	Wellesley Tp	Waterloo R	LT	10,713	\$ 325,709.32	\$ 325,709.32	\$ 341,219.28
252	Wilmot Tp	Waterloo R	LT	19,223	\$ 584,440.41	\$ 584,440.41	\$ 612,270.91

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
253	Woolwich Tp	Waterloo R	LT	23,145	\$ 703,681.70	\$ 703,681.70	\$ 737,190.36
254	Wellington Co	Wellington Co	UT	86,672	\$ 2,635,104.80	\$ 2,635,104.80	\$ 2,760,585.98
255	Centre Wellington Tp	Wellington Co	LT	26,693	\$ 811,552.20	\$ 811,552.20	\$ 850,197.55
256	Erin T	Wellington Co	LT	10,770	\$ 327,442.30	\$ 327,442.30	\$ 343,034.79
257	Guelph/Eramosa Tp	Wellington Co	LT	12,380	\$ 376,391.42	\$ 376,391.42	\$ 394,314.82
258	Mapleton Tp	Wellington Co	LT	9,989	\$ 303,697.41	\$ 303,697.41	\$ 318,159.19
259	Minto T	Wellington Co	LT	8,334	\$ 253,380.14	\$ 253,380.14	\$ 265,445.86
260	Puslinch Tp	Wellington Co	LT	7,029	\$ 213,703.98	\$ 213,703.98	\$ 223,880.36
261	Wellington North Tp	Wellington Co	LT	11,477	\$ 348,937.35	\$ 348,937.35	\$ 365,553.41
262	York R	York R	UT	1,032,249	\$ 31,383,656.75	\$ 31,383,656.75	\$ 32,878,116.58
263	Aurora T	York R	LT	53,203	\$ 1,617,540.62	\$ 1,617,540.62	\$ 1,694,566.37
264	East Gwillimbury T	York R	LT	22,473	\$ 683,250.76	\$ 683,250.76	\$ 715,786.51
265	Georgina T	York R	LT	43,517	\$ 1,323,055.38	\$ 1,323,055.38	\$ 1,386,058.01
266	King Tp	York R	LT	19,899	\$ 604,992.97	\$ 604,992.97	\$ 633,802.16
267	Markham C	York R	LT	301,709	\$ 9,172,914.38	\$ 9,172,914.38	\$ 9,609,719.82
268	Newmarket T	York R	LT	79,978	\$ 2,431,585.89	\$ 2,431,585.89	\$ 2,547,375.69
269	Richmond Hill T	York R	LT	185,541	\$ 5,641,037.25	\$ 5,641,037.25	\$ 5,909,658.07
270	Vaughan C	York R	LT	288,301	\$ 8,765,268.48	\$ 8,765,268.48	\$ 9,182,662.21
271	Whitchurch - Stouffville T	York R	LT	37,628	\$ 1,144,011.02	\$ 1,144,011.02	\$ 1,198,487.74
272	Alberton Tp		ST	864	\$ 52,536.70	\$ 52,536.70	\$ 55,038.45
273	Armour Tp		ST	1,372	\$ 83,426.34	\$ 83,426.34	\$ 87,399.02
274	Armstrong Tp		ST	1,216	\$ 73,940.54	\$ 73,940.54	\$ 77,461.52
275	Assignack Tp		ST	960	\$ 58,374.11	\$ 58,374.11	\$ 61,153.83
276	Atikokan Tp		ST	2,787	\$ 169,467.35	\$ 169,467.35	\$ 177,537.22
277	Baldwin Tp		ST	551	\$ 33,504.31	\$ 33,504.31	\$ 35,099.75
278	Barrie C		ST	136,063	\$ 8,273,496.97	\$ 8,273,496.97	\$ 8,667,473.01
279	Belleville C		ST	49,454	\$ 3,007,118.17	\$ 3,007,118.17	\$ 3,150,314.27
280	Billings Tp		ST	506	\$ 30,768.02	\$ 30,768.02	\$ 32,233.17
281	Black River - Matheson Tp		ST	2,410	\$ 146,543.35	\$ 146,543.35	\$ 153,521.60
282	Blind River T		ST	3,549	\$ 215,801.80	\$ 215,801.80	\$ 226,078.08
283	Bonfield Tp		ST	2,016	\$ 122,585.64	\$ 122,585.64	\$ 128,423.05
284	Brant County C		ST	35,638	\$ 2,167,017.38	\$ 2,167,017.38	\$ 2,270,208.68
285	Brantford C		ST	93,650	\$ 5,694,516.45	\$ 5,694,516.45	\$ 5,965,683.90
286	Brethour Tp		ST	129	\$ 7,844.02	\$ 7,844.02	\$ 8,217.55
287	Brockville C		ST	21,870	\$ 1,329,835.29	\$ 1,329,835.29	\$ 1,393,160.78
288	Bruce Mines T		ST	566	\$ 34,416.40	\$ 34,416.40	\$ 36,055.28
289	Burk's Falls V		ST	967	\$ 58,799.76	\$ 58,799.76	\$ 61,599.75
290	Burpee and Mills Tp		ST	308	\$ 18,728.36	\$ 18,728.36	\$ 19,620.19
291	Callander M		ST	3,864	\$ 234,955.81	\$ 234,955.81	\$ 246,144.18
292	Calvin Tp		ST	568	\$ 34,538.02	\$ 34,538.02	\$ 36,182.68
293	Carling Tp		ST	1,248	\$ 75,886.35	\$ 75,886.35	\$ 79,499.98
294	Casey Tp		ST	374	\$ 22,741.58	\$ 22,741.58	\$ 23,824.51

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
295	Central Manitoulin Tp		ST	1,958	\$ 119,058.87	\$ 119,058.87	\$ 124,728.34
296	Chamberlain Tp		ST	297	\$ 18,059.49	\$ 18,059.49	\$ 18,919.47
297	Chapleau Tp		ST	2,116	\$ 128,666.28	\$ 128,666.28	\$ 134,793.24
298	Chapple Tp		ST	741	\$ 45,057.52	\$ 45,057.52	\$ 47,203.12
299	Charlton/Dack M		ST	671	\$ 40,801.07	\$ 40,801.07	\$ 42,743.98
300	Chatham-Kent M		ST	103,671	\$ 6,303,857.07	\$ 6,303,857.07	\$ 6,604,040.74
301	Chisholm Tp		ST	1,263	\$ 76,798.44	\$ 76,798.44	\$ 80,455.51
302	Cobalt T		ST	1,133	\$ 68,893.62	\$ 68,893.62	\$ 72,174.26
303	Cochrane T		ST	5,340	\$ 324,706.01	\$ 324,706.01	\$ 340,168.20
304	Cockburn Island Tp		ST	-	\$ -	\$ -	\$ -
305	Coleman Tp		ST	597	\$ 36,301.40	\$ 36,301.40	\$ 38,030.04
306	Conmee Tp		ST	764	\$ 46,456.07	\$ 46,456.07	\$ 48,668.26
307	Cornwall C		ST	46,340	\$ 2,817,767.13	\$ 2,817,767.13	\$ 2,951,946.52
308	Dawson Tp		ST	563	\$ 34,233.99	\$ 34,233.99	\$ 35,864.18
309	Dorion Tp		ST	338	\$ 20,552.55	\$ 20,552.55	\$ 21,531.25
310	Dryden C		ST	7,617	\$ 463,162.11	\$ 463,162.11	\$ 485,217.45
311	Dubreuilville Tp		ST	635	\$ 38,612.04	\$ 38,612.04	\$ 40,450.71
312	Ear Falls Tp		ST	1,026	\$ 62,387.33	\$ 62,387.33	\$ 65,358.16
313	East Ferris Tp		ST	4,766	\$ 289,803.15	\$ 289,803.15	\$ 303,603.30
314	Elliot Lake C		ST	11,348	\$ 690,030.67	\$ 690,030.67	\$ 722,889.28
315	Emo Tp		ST	1,252	\$ 76,129.57	\$ 76,129.57	\$ 79,754.79
316	Englehart T		ST	1,519	\$ 92,364.87	\$ 92,364.87	\$ 96,763.20
317	Espanola T		ST	5,364	\$ 326,165.36	\$ 326,165.36	\$ 341,697.05
318	Evanturel Tp		ST	452	\$ 27,484.48	\$ 27,484.48	\$ 28,793.26
319	Fauquier-Strickland Tp		ST	530	\$ 32,227.38	\$ 32,227.38	\$ 33,762.01
320	Fort Frances T		ST	7,952	\$ 483,532.25	\$ 483,532.25	\$ 506,557.59
321	French River M		ST	2,442	\$ 148,489.15	\$ 148,489.15	\$ 155,560.06
322	Gananoque ST		ST	5,194	\$ 315,828.28	\$ 315,828.28	\$ 330,867.72
323	Gauthier Tp		ST	123	\$ 7,479.18	\$ 7,479.18	\$ 7,835.33
324	Gillies Tp		ST	473	\$ 28,761.41	\$ 28,761.41	\$ 30,131.00
325	Gordon/Barrie Island M		ST	526	\$ 31,984.15	\$ 31,984.15	\$ 33,507.20
326	Gore Bay T		ST	850	\$ 51,685.41	\$ 51,685.41	\$ 54,146.62
327	Greater Sudbury C		ST	160,274	\$ 9,745,679.97	\$ 9,745,679.97	\$ 10,209,759.96
328	Greenstone M		ST	4,724	\$ 287,249.29	\$ 287,249.29	\$ 300,927.82
329	Guelph C		ST	121,688	\$ 7,399,405.42	\$ 7,399,405.42	\$ 7,751,758.05
330	Haldimand County		ST	44,876	\$ 2,728,746.61	\$ 2,728,746.61	\$ 2,858,686.92
331	Hamilton C		ST	519,949	\$ 31,616,210.70	\$ 31,616,210.70	\$ 33,121,744.53
332	Harley Tp		ST	539	\$ 32,774.63	\$ 32,774.63	\$ 34,335.33
333	Harris Tp		ST	523	\$ 31,801.73	\$ 31,801.73	\$ 33,316.10
334	Hearst T		ST	5,090	\$ 309,504.42	\$ 309,504.42	\$ 324,242.72
335	Hilliard Tp		ST	204	\$ 12,404.50	\$ 12,404.50	\$ 12,995.19
336	Hilton Beach V		ST	145	\$ 8,816.92	\$ 8,816.92	\$ 9,236.78

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
337	Hilton Tp		ST	261	\$ 15,870.46	\$ 15,870.46	\$ 16,626.20
338	Hornepayne Tp		ST	1,050	\$ 63,846.69	\$ 63,846.69	\$ 66,887.01
339	Hudson Tp		ST	476	\$ 28,943.83	\$ 28,943.83	\$ 30,322.11
340	Huron Shores M		ST	1,723	\$ 104,769.37	\$ 104,769.37	\$ 109,758.39
341	Ignace Tp		ST	1,202	\$ 73,089.26	\$ 73,089.26	\$ 76,569.70
342	Iroquois Falls T		ST	4,595	\$ 279,405.27	\$ 279,405.27	\$ 292,710.28
343	James Tp		ST	424	\$ 25,781.90	\$ 25,781.90	\$ 27,009.61
344	Jocelyn Tp		ST	237	\$ 14,411.11	\$ 14,411.11	\$ 15,097.35
345	Johnson Tp		ST	750	\$ 45,604.78	\$ 45,604.78	\$ 47,776.43
346	Joly Tp		ST	284	\$ 17,269.01	\$ 17,269.01	\$ 18,091.34
347	Kapuskasing T		ST	8,196	\$ 498,369.00	\$ 498,369.00	\$ 522,100.86
348	Kawartha Lakes C		ST	73,214	\$ 4,451,877.49	\$ 4,451,877.49	\$ 4,663,871.66
349	Kearney T		ST	841	\$ 51,138.16	\$ 51,138.16	\$ 53,573.31
350	Kenora C		ST	15,348	\$ 933,256.15	\$ 933,256.15	\$ 977,696.92
351	Kerns Tp		ST	359	\$ 21,829.49	\$ 21,829.49	\$ 22,868.99
352	Killarney M		ST	505	\$ 30,707.22	\$ 30,707.22	\$ 32,169.46
353	Kingston C		ST	123,363	\$ 7,501,256.09	\$ 7,501,256.09	\$ 7,858,458.75
354	Kirkland Lake T		ST	8,493	\$ 516,428.49	\$ 516,428.49	\$ 541,020.32
355	La Vallee Tp		ST	988	\$ 60,076.69	\$ 60,076.69	\$ 62,937.49
356	Laird Tp		ST	1,057	\$ 64,272.33	\$ 64,272.33	\$ 67,332.92
357	Lake of The Woods Tp		ST	296	\$ 17,998.69	\$ 17,998.69	\$ 18,855.77
358	Larder Lake Tp		ST	684	\$ 41,591.56	\$ 41,591.56	\$ 43,572.11
359	Latchford T		ST	387	\$ 23,532.06	\$ 23,532.06	\$ 24,652.64
360	London C		ST	366,151	\$ 22,264,312.78	\$ 22,264,312.78	\$ 23,324,518.14
361	Macdonald Meredith et al Tp		ST	1,464	\$ 89,020.52	\$ 89,020.52	\$ 93,259.60
362	Machar Tp		ST	923	\$ 56,124.28	\$ 56,124.28	\$ 58,796.86
363	Machin Tp		ST	935	\$ 56,853.96	\$ 56,853.96	\$ 59,561.29
364	Magnetawan M		ST	1,454	\$ 88,412.46	\$ 88,412.46	\$ 92,622.58
365	Manitouwadge Tp		ST	2,105	\$ 127,997.41	\$ 127,997.41	\$ 134,092.52
366	Marathon T		ST	3,353	\$ 203,883.76	\$ 203,883.76	\$ 213,592.51
367	Markstay-Warren M		ST	2,297	\$ 139,672.23	\$ 139,672.23	\$ 146,323.29
368	Matachewan Tp		ST	409	\$ 24,869.80	\$ 24,869.80	\$ 26,054.08
369	Mattawa T		ST	2,023	\$ 123,011.28	\$ 123,011.28	\$ 128,868.96
370	Mattawan Tp		ST	162	\$ 9,850.63	\$ 9,850.63	\$ 10,319.71
371	Mattice - Val Cote Tp		ST	686	\$ 41,713.17	\$ 41,713.17	\$ 43,699.51
372	McDougall Tp		ST	2,705	\$ 164,481.23	\$ 164,481.23	\$ 172,313.67
373	McGarry Tp		ST	595	\$ 36,179.79	\$ 36,179.79	\$ 37,902.64
374	McKellar Tp		ST	1,144	\$ 69,562.49	\$ 69,562.49	\$ 72,874.99
375	McMurrich-Monteith Tp		ST	779	\$ 47,368.16	\$ 47,368.16	\$ 49,623.79
376	Moonbeam Tp		ST	1,101	\$ 66,947.81	\$ 66,947.81	\$ 70,135.80
377	Moosonee T		ST	1,725	\$ 104,890.99	\$ 104,890.99	\$ 109,885.80
378	Morley Tp		ST	474	\$ 28,822.22	\$ 28,822.22	\$ 30,194.71

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
379	Nairn and Hyman Tp		ST	477	\$ 29,004.64	\$ 29,004.64	\$ 30,385.81
380	Neebing M		ST	1,986	\$ 120,761.45	\$ 120,761.45	\$ 126,511.99
381	Nipigon Tp		ST	1,631	\$ 99,175.19	\$ 99,175.19	\$ 103,897.82
382	Nipissing Tp		ST	1,704	\$ 103,614.05	\$ 103,614.05	\$ 108,548.06
383	Norfolk County		ST	63,175	\$ 3,841,442.36	\$ 3,841,442.36	\$ 4,024,368.18
384	North Bay C		ST	53,651	\$ 3,262,322.50	\$ 3,262,322.50	\$ 3,417,671.19
385	Northeastern Manitoulin & The Isl. T		ST	2,706	\$ 164,542.03	\$ 164,542.03	\$ 172,377.37
386	O'Connor Tp		ST	685	\$ 41,652.36	\$ 41,652.36	\$ 43,635.81
387	Oliver Paipoonge M		ST	5,732	\$ 348,542.11	\$ 348,542.11	\$ 365,139.35
388	Opasatika Tp		ST	214	\$ 13,012.56	\$ 13,012.56	\$ 13,632.21
389	Orillia C		ST	30,586	\$ 1,859,823.60	\$ 1,859,823.60	\$ 1,948,386.63
390	Ottawa C		ST	883,391	\$ 53,715,799.03	\$ 53,715,799.03	\$ 56,273,694.20
391	Papineau-Cameron Tp		ST	978	\$ 59,468.63	\$ 59,468.63	\$ 62,300.47
392	Parry Sound T		ST	6,191	\$ 376,452.23	\$ 376,452.23	\$ 394,378.53
393	Pelee Tp		ST	171	\$ 10,397.89	\$ 10,397.89	\$ 10,893.03
394	Pembroke C		ST	14,360	\$ 873,179.46	\$ 873,179.46	\$ 914,759.43
395	Perry Tp		ST	2,317	\$ 140,888.36	\$ 140,888.36	\$ 147,597.33
396	Peterborough C		ST	78,698	\$ 4,785,339.62	\$ 4,785,339.62	\$ 5,013,212.93
397	Pickle Lake Tp		ST	425	\$ 25,842.71	\$ 25,842.71	\$ 27,073.31
398	Plummer Additional Tp		ST	650	\$ 39,524.14	\$ 39,524.14	\$ 41,406.24
399	Powassan M		ST	3,378	\$ 205,403.91	\$ 205,403.91	\$ 215,185.05
400	Prescott ST		ST	4,284	\$ 260,494.48	\$ 260,494.48	\$ 272,898.98
401	Prince Edward County C		ST	25,258	\$ 1,535,847.27	\$ 1,535,847.27	\$ 1,608,982.85
402	Prince Tp		ST	1,031	\$ 62,691.37	\$ 62,691.37	\$ 65,676.67
403	Quinte West C		ST	43,086	\$ 2,619,903.21	\$ 2,619,903.21	\$ 2,744,660.51
404	Rainy River T		ST	842	\$ 51,198.96	\$ 51,198.96	\$ 53,637.01
405	Red Lake M		ST	4,670	\$ 283,965.74	\$ 283,965.74	\$ 297,487.92
406	Red Rock Tp		ST	942	\$ 57,279.60	\$ 57,279.60	\$ 60,007.20
407	Ryerson Tp		ST	634	\$ 38,551.24	\$ 38,551.24	\$ 40,387.01
408	Sables-Spanish Rivers Tp		ST	3,075	\$ 186,979.58	\$ 186,979.58	\$ 195,883.37
409	Sault Ste. Marie C		ST	75,141	\$ 4,569,051.37	\$ 4,569,051.37	\$ 4,786,625.24
410	Schreiber Tp		ST	1,126	\$ 68,467.97	\$ 68,467.97	\$ 71,728.35
411	Seguin Tp		ST	3,988	\$ 242,495.80	\$ 242,495.80	\$ 254,043.22
412	Shuniah Tp		ST	2,737	\$ 166,427.03	\$ 166,427.03	\$ 174,352.13
413	Sioux Lookout T		ST	5,037	\$ 306,281.68	\$ 306,281.68	\$ 320,866.52
414	Sioux Narrows-Nestor Falls Tp		ST	720	\$ 43,780.59	\$ 43,780.59	\$ 45,865.38
415	Smiths Falls ST		ST	8,978	\$ 545,919.58	\$ 545,919.58	\$ 571,915.75
416	Smooth Rock Falls T		ST	1,376	\$ 83,669.56	\$ 83,669.56	\$ 87,653.83
417	South Algonquin Tp		ST	1,211	\$ 73,636.51	\$ 73,636.51	\$ 77,143.01
418	South River V		ST	1,049	\$ 63,785.88	\$ 63,785.88	\$ 66,823.30
419	Spanish T		ST	696	\$ 42,321.23	\$ 42,321.23	\$ 44,336.53
420	St. Joseph Tp		ST	1,201	\$ 73,028.45	\$ 73,028.45	\$ 76,505.99

2016-2018 Federal Gas Tax Fund Allocations

#	Municipality	Corresponding Upper Tier (if Applicable)	Tier	StatsCan Population - 2011	2016	2017	2018
421	St. Marys ST		ST	6,655	\$ 404,666.39	\$ 404,666.39	\$ 423,936.21
422	St. Thomas C		ST	37,905	\$ 2,304,865.41	\$ 2,304,865.41	\$ 2,414,620.91
423	St.-Charles M		ST	1,282	\$ 77,953.77	\$ 77,953.77	\$ 81,665.85
424	Stratford C		ST	30,886	\$ 1,878,065.51	\$ 1,878,065.51	\$ 1,967,497.20
425	Strong Tp		ST	1,341	\$ 81,541.34	\$ 81,541.34	\$ 85,424.26
426	Sundridge V		ST	985	\$ 59,894.27	\$ 59,894.27	\$ 62,746.38
427	Tarbutt and Tarbutt Additional Tp		ST	396	\$ 24,079.32	\$ 24,079.32	\$ 25,225.96
428	Tehkummah Tp		ST	406	\$ 24,687.39	\$ 24,687.39	\$ 25,862.98
429	Temagami M		ST	840	\$ 51,077.35	\$ 51,077.35	\$ 53,509.60
430	Temiskaming Shores C		ST	10,400	\$ 632,386.24	\$ 632,386.24	\$ 662,499.87
431	Terrace Bay Tp		ST	1,471	\$ 89,446.17	\$ 89,446.17	\$ 93,705.51
432	The Archipelago Tp		ST	566	\$ 34,416.40	\$ 34,416.40	\$ 36,055.28
433	The North Shore Tp		ST	509	\$ 30,950.44	\$ 30,950.44	\$ 32,424.27
434	Thessalon T		ST	1,279	\$ 77,771.35	\$ 77,771.35	\$ 81,474.74
435	Thornloe V		ST	123	\$ 7,479.18	\$ 7,479.18	\$ 7,835.33
436	Thunder Bay C		ST	108,359	\$ 6,588,917.33	\$ 6,588,917.33	\$ 6,902,675.29
437	Timmins C		ST	43,165	\$ 2,624,706.91	\$ 2,624,706.91	\$ 2,749,692.96
438	Val Rita-Harty Tp		ST	817	\$ 49,678.80	\$ 49,678.80	\$ 52,044.46
439	Wawa M		ST	2,975	\$ 180,898.95	\$ 180,898.95	\$ 189,513.18
440	West Nipissing M		ST	14,149	\$ 860,349.31	\$ 860,349.31	\$ 901,318.33
441	White River Tp		ST	607	\$ 36,909.47	\$ 36,909.47	\$ 38,667.06
442	Whitestone M		ST	918	\$ 55,820.25	\$ 55,820.25	\$ 58,478.35
443	Windsor C		ST	210,891	\$ 12,823,515.94	\$ 12,823,515.94	\$ 13,434,159.56
Total Annual Federal Gas Tax Allocation for 443 Ontario Municipalities				10,151,834	\$ 617,296,163.23	\$ 617,296,163.23	\$ 646,691,218.38

\$ 60.81	\$ 60.81	\$ 63.70
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Per Person Annual Allocation of Federal Gas Tax Funds (Approximate)

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Brownfield Redevelopment								
8809	City of Sarnia	2015 Centennial Park Phase 2	This project will remediate and revitalize Centennial Park and Install new amenities for the public to use. Details include land contouring, grade site, environmental cap-backfill the site with 500 to 700mm of coarse aggregate material, seawall construction, boat ramp and walkways, lighting etc.	\$2,896,221.32	\$5,557,313.00	January 1, 2015	December 31, 2017	Ongoing

Total Federal Funds Used: \$2,896,221.32
Total Project Costs: \$5,557,313.00

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
1663	Region of Waterloo	Groundwater Testing - Brownfields Financial Incentive Program	The studies help the Region with its source water protection strategy a key piece of the Region's sustainability. The region pays for 50% of the cost of a Phase II - Environmental Site Assessment groundwater testing as per O. Reg 153/04 of the Environmental Protection Act, the most recent version of the Ministry of Environment's Guideline for Phase II Environmental Site Assessments, and standards set by the Canadian Standard Association for an eligible brownfield site.	\$25,568.34	\$835,000.00	January 1, 2007	December 31, 2018	Ongoing
4160	Town of East Gwillimbury	Long Range Financial Plan	East Gwillimbury is approaching a period of significant growth. Financial Planning is necessary to provide for creating a sustainable financial model to keep assets in good repair.	\$19,250.00	\$56,795.48	January 1, 2010	December 31, 2016	Yes
5262	City of Cambridge	Technology Implementation & Integration	Funding to support the expansion of technology into other business processes within the department leveraging successful technologies already implemented. Specifically, this funding will help implement IBM's Maximo work management system into the field and other divisions. It is also intended to provide additional funds to deploy mobile computing to field staff.	\$36,409.10	\$189,573.00	September 1, 2011	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
6076	City of Ottawa	906515 Transit Priority Measures 2012	Transportation Master Plan-Transit priority measures refer to engineering strategies that provide preferential treatment to buses in mixed traffic. Their objective is to reduce travel time and schedule variability. Examples outcomes of long-term infrastructure transit plans include bus detection and communications at traffic signals, queue jumps, bus-only lanes and geometric modifications at bus stops and intersections.	\$19,000.00	\$1,175,159.00	January 1, 2012	December 31, 2017	Ongoing
6191	City of Cambridge	Sanitary Sewers Condition Assessment CCTV	CCTV inspection of sanitary sewers to identify structural and operational defects that require immediate attention, as well as to provide information regarding the remaining service life of the sewer. The information gathered is used to plan capital replacement and preventative maintenance programs.	\$60,342.74	\$547,116.32	January 1, 2012	December 31, 2016	Yes
6192	City of Cambridge	Monitoring Inflow/Infiltration of stormwater into Sanitary Sewers	Monitoring of inflow and infiltration of storm water into the sanitary sewer system to identify deficiencies and opportunities to reduce unnecessary wastewater treatment costs. The information gathered will be used to plan capital replacement and maintenance programs.	\$6,410.90	\$344,256.82	January 1, 2012	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
6216	County of Frontenac	Official Plan	An Official Plan is a legal document that provides land use policies regarding growth and development while taking into consideration important social, economic, and environmental issues. Section 16 of the Ontario Planning Act provides local governments the authority to prepare these plans. The County requires an update of its growth projections for 2015 - 2040 to help determine future growth and land supply needs in the County.	\$3,375.50	\$36,000.00	January 2, 2012	December 31, 2018	Ongoing
6320	City of Brampton	Storm Water Management Study	To assess the City's Storm Water Management facilities and watercourses	\$22,615.66	\$200,000.00	January 1, 2012	December 31, 2017	Ongoing
6327	City of Brampton	3D Model - Main St Transit Corridor	The creation of a detailed 3D model is to support Brampton's Main Street Transit Corridor area study, in conjunction with the LRT transportation studies and EA's visioning and urban form concepts.	\$8,853.14	\$150,000.00	January 1, 2012	December 31, 2017	Ongoing
6392	Town of Richmond Hill	Work and Maintenance Management System Replacement	The implementation of a current Work and Maintenance Management System leverages technology in the management of the Town's infrastructure.	\$542,268.00	\$2,679,500.00	January 1, 2009	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
6534	Municipality of Port Hope	Asset Management Plan Development	This project involves hiring a consultant to develop a comprehensive asset management plan including the valuation, age, and condition of assets; defines levels of service expected; summarize planned maintenance actions that will ensure assets reach their useful life and operate at expected levels; and contain a financing strategy with yearly expenditure forecasts. Phase 1 is to include all core assets to ensure conformity to the Provincial Guidelines with Phase 2 to add the additional assets.	\$4,970.53	\$100,000.00	April 1, 2013	December 31, 2018	Ongoing
6899	Town of Smooth Rock Falls	Community Investment Readiness and Capacity Building Master Plan	20 Year Vision and Comprehensive Strategic Plan. A Renewed and Updated Official Plan & Community Improvement Plan (CIP). Waste Management Strategic Plan and Business Opportunities Assessment. □ The next step after the official plan was adopted by Council is the new zoning by-law review for the municipal area and unincorporated Township of Haggart area.	\$6,501.20	\$266,092.02	September 15, 2013	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
6901	Region of Peel	Accessible Transportation Master Plan Implementation (Studies) – 2013/2014	To transform the TransHelp program and to ensure the Region of Peel is AODA compliant with a sustainable model of service delivery for Peel residents with following focus: Creation and implementation of AT Master Plan; newly designed self-service website for users and caregivers; para-transit application process accessible online; improvements to self-serve technology with Interactive Voice Response Systems; online portal to book rides and access accounts; enhancements to our Trapeze scheduler.	\$66,621.41	\$1,000,000.00	January 1, 2013	December 31, 2018	Ongoing
6923	City of Oshawa	Project 1337 Energy Management 2423-1	Working with an Energy Management consultant, investigating and making recommendations on specific energy management projects generating the highest and best return for City facilities. Recommendations will assist the City in prioritizing energy projects in subsequent years.	\$35,409.47	\$44,089.61	January 1, 2013	December 31, 2016	Yes
6925	City of Oshawa	Project 1345 Building Condition Audits 2497-1	Consulting services to conduct building condition audits of City facilities 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.	\$7,441.21	\$94,893.71	January 1, 2013	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
6985	Region of Niagara	Long-term Financial Reporting System 2013-2016 (ZGC1306)	Transformational long-term consolidated financial planning and reporting system to improve asset management practices.	\$1,133,269.44	\$12,940,000.00	March 3, 2014	December 31, 2016	Yes
7029	County of Frontenac	ICSP Monitoring	The shift towards sustainability is one of the most important tasks that the County has ever taken on. We are faced with a multitude of challenges caused by climate change, energy issues and an aging population. We have developed sustainable actions and projects that will guide us over the next year and help us to reach our vision of a sustainable future.	\$2,167.60	\$12,500.00	January 1, 2013	December 31, 2017	Ongoing
7054	City of Ottawa	906948 Transit Priorities	Transportation Master Plan-Transit priority measures refer to engineering strategies that provide preferential treatment to buses in mixed traffic. Their objective is to reduce travel time and schedule variability. Examples outcomes of long-term infrastructure transit plans include bus detection and communications at traffic signals, queue jumps, bus-only lanes and geometric modifications at bus stops and intersections.	\$75,800.00	\$5,732,052.00	January 1, 2013	December 31, 2017	Ongoing
7101	City of Brampton	Queen Street West DPS Implementation (7852)	A Key component in the Downtown Strategic Plan looking at the revitalization, infill and intensification, infrastructure improvements and economic redevelopment of this area located very close to the Downtown core and the designated Mobility Hub.	\$3,130.64	\$100,000.00	January 1, 2011	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
7246	Town of Richmond Hill	ISO 14001 Environmental Management System	The ongoing development and maintenance of Richmond Hill's ISO 14001 Registered Environmental Management System provides the Town with the framework for how to manage the environmental aspects of its business activities more efficiently and effectively.	\$22,890.00	\$124,126.00	January 1, 2013	December 31, 2017	Ongoing
7554	City of Oshawa	Work Management Implementation	Implementation of a corporate work management solution following the completion of the Corporate Strategic Plan for Asset Management (CSPAM) in 2014. The System would include work order and asset management functionality, and would provide the systems infrastructure needed to take advantage of mobile/remote technologies to improve customer service and the efficiency of various business units across the corporation.	\$7,617.58	\$1,500,057.51	January 1, 2014	December 31, 2016	Yes
7560	City of Oshawa	1433 Building Condition Audits 14-2497-3	Consulting services to conduct building condition audits of City facilities 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.	\$12,952.56	\$103,896.14	January 1, 2014	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
7722	Township of Pickle Lake	Asset Management software/hardware	We are investing in new municipal software and hardware which will allow us to properly record, map and keep a current accurate record of our tangible capital assets and provide us with the tools to keep a current asset management plan moving forward.	\$4,181.00	\$63,058.60	September 19, 2013	June 1, 2017	Ongoing
7769	City of Markham	Integrated Community Energy Plan	In order to achieve net zero energy, water, waste and emissions by 2050, Markham needs to vet this goal and establish reduction. The Integrated Community Energy Plan will also produce long-term financial benefits from the implementation of renewable energy initiatives to support the Energy Descent Strategy and local economy.	\$50,564.17	\$183,200.00	May 1, 2014	June 30, 2017	Ongoing
7868	City of Oshawa	Building Condition Audits (2015-2017)	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.	\$80,293.28	\$260,000.00	January 1, 2015	December 31, 2017	Ongoing
7878	Town of East Gwillimbury	Pavement Management Program	Assess all paved roads within the Town and provide an assessment of their condition, life expectancy, and provide an optimized replacement model. Provide services for a safe, accessible and livable community. Maintain and build on the Town's investment in infrastructure.	\$17,865.25	\$80,000.00	April 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
7977	City of Waterloo	Corporate Asset Management Plan	The 2016 Asset Management Plan includes all assets owned by the corporation and was developed from the Infrastructure Asset Management Analysis Report (IAMAR) in June 2016. A Waterloo Asset Management System was developed to operationalize asset inventories, together with decisions about how the performance of assets are measured and the specific strategies for how different types of asset are renewed, which will inform city decision making over the next 25 years.	\$597,143.00	\$1,680,524.00	January 1, 2014	December 31, 2017	Ongoing
8071	City of Cambridge	Water System Capacity Assessment	Project to review the water needs of current and future customers in accordance with the Official Plan. This will enable the City to better coordinate changes needed to support future residential, commercial, and industrial users along with renewal activities.	\$19,064.93	\$33,064.93	January 1, 2014	December 31, 2016	Yes
8122	City of Vaughan	Corporate Asset Management Plan	To develop a Corporate Asset Management Plan including implementation of a software system, gathering data on the City's inventory including condition and operational maintenance schedules (EN-1958-13).	\$31,663.15	\$3,044,000.00	January 1, 2014	December 28, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
8304	City of Kitchener	Pavement Management System/Road Needs	This project involves annual activities that support the ongoing condition survey and condition assessment of the City's roads and sidewalks. This is done through the maintenance and upkeep of the City's Pavement Management Applications (RoadMatrix) as well as the City's Sidewalk Management Application (Sidewalker).	\$87,000.00	\$204,770.62	February 9, 2015	December 31, 2018	Ongoing
8390	Town of Smiths Falls	Asset Management Phase 2 and WTP financial Plan	Continuing building upon Asset Management Plan with equipment and buildings. Establishing Water Treatment Plant needs and overall funding requirements to sustain assets.	\$12,272.64	\$120,326.22	May 7, 2015	December 31, 2016	Yes
8461	Town of Hawkesbury	Road condition study	Citywide road condition study for information of most critical roads to repair/renew.	\$46,790.40	\$100,000.00	June 1, 2016	June 30, 2017	Ongoing
8556	Township of Cramahe	Asset Management Plan (AMP) Phase 2	Public Sector Digest is working to complete our Asset Management Plan Phase 2. They did our first plan (\$15,000+HST) and once Phase 2 (\$5750+HST) is complete they will combine the two plans so we will have one master plan.	\$1,726.80	\$21,115.20	June 1, 2015	June 30, 2017	Ongoing
8572	City of Cambridge	Integrated Capital Planning Support Tool	14C034 - Funding is to purchase a formal infrastructure capital planning tool. The tool will increase efficiencies and provide a streamlined and consistent capital planning process for the City to ensure sustainable and optimal infrastructure planning.	\$9,519.00	\$144,082.00	February 3, 2014	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
8640	Town of Lakeshore	Asset Management Initiative	This project is a two year Asset Management Initiative including development of an expanded Asset Management Plan and implementation of related policy and tools to make the plan sustainable. This initiative will facilitate compliance with legislation and provide key inputs into long-term financial planning that support asset maintenance and renewal efforts for the Town of Lakeshore.	\$143,480.80	\$212,200.00	January 4, 2016	December 31, 2017	Ongoing
8663	Municipality of Leamington	Municipality of Leamington Asset Management Plan	This project will result in the development and implementation of a comprehensive Asset Management Plan (AMP) that will ensure the best decision making for infrastructure investments. A consultant will be used to update the existing AMP and train staff to maintain the software. Municipal staff will then use the Plan as a guide to improve decision making and make sure that the full potential of these assets are realized, both financially and economically.□	\$27,984.00	\$100,000.00	February 8, 2016	March 31, 2017	Ongoing
8703	Township of O'Connor	O'Connor Official Plan and Zoning By-Law Review	The Township of O'Connor hired Fotenn Consultants Inc. to review and update the Township's Official Plan and Zoning By-law.	\$12,557.13	\$20,088.00	October 26, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
8848	Town of Ingersoll	Asset Management Software Citywide - Implementation	Implementation of Asset Management Software. Purchasing Citywide Capital Planning and Analysis Software, GIS, Tangible Assets to assist in developing financial reporting and planning for capital and infrastructure assets.	\$35,100.37	\$35,100.37	March 14, 2016	December 31, 2016	Yes
8875	Town of Petrolia	Asset Management Plan Phase II	Public Sector Digest has been hired to update and improve our Asset Management Plan. Petrolia uses Citywide software and we are looking to improve our asset management planning as well as update our asset management plan.	\$16,460.00	\$25,000.00	March 2, 2016	December 31, 2018	Ongoing
8909	City of Windsor	Municipal Facilities Building Condition Assessments	Each municipal facility will be assessed and reported upon in terms of the key components of the building envelope and the building systems. Once completed, this assessment will form the framework for the creation of future capital budget requests over the next ten years. This project is critical in developing the City's asset management planning program.	\$83,000.00	\$300,000.00	March 3, 2014	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
8970	Township of Woolwich	Township of Woolwich Asset Management Plan Update and Enhancement	This Project will encompass the use of a consultant to not only update the Township's existing Asset Management Plan but also to enhance it to include all of the eligible expenditure categories as contained in the Federal Gas Tax Fund program. This project will also include the purchase of a new asset management software to be used to track and maintain the Township's Asset Management Plan and to guide Woolwich's staff and Council through the long-term planning process.	\$19,365.52	\$183,000.00	May 16, 2016	June 29, 2018	Ongoing
9016	City of Brampton	Corporate Asset Management Plan - 151075	The development & implementation of a Corporate asset management plan supported by effective corporate asset management policies, processes & practices.□	\$150,463.86	\$980,000.00	January 1, 2016	December 31, 2019	Ongoing
9017	City of Brampton	Storm Water Management Study - 164950	These detailed studies will enhance the existing knowledge base, which stems from previous and more general studies such as the Storm Water Management Master Plan and the Storm Water Management Retrofit Study. These additional studies are required to develop specific plans showing how to address specific flooding, erosion & water quality issues, not only in the Storm Water Management Ponds, but in the associated water courses as well.□	\$81,933.32	\$1,150,000.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
9112	Loyalist Township	Asset Management Plan 2016	This investment is to create and build Loyalist Township's 2016 Asset Management Plan. It was originally intended to be complete in 2016 but will now be completed in 2017.	\$12,704.25	\$99,304.51	January 1, 2015	December 31, 2017	Ongoing
9125	Town of Parry Sound	Asset Management Plan Improvements including Software Implementation	Upgrade of Town's AMP to include all asset categories and the implementation of a software system for asset management planning and forecasting. Software was installed by December 31, 2016 and draft report provided, approved by Council in January 2017. Will be utilized for creation of 10 year plan and annual updating.	\$35,000.00	\$46,480.00	February 1, 2016	December 31, 2016	Yes
9126	Town of Whitby	Asset Management Capacity Building	Asset Management Capacity Building for long term planning: asset management plan development and software acquisition. Includes the \$20,000 from the 2015 Budget and \$400,000 from the 2016 Budget.	\$142,973.56	\$420,000.00	January 1, 2015	December 31, 2016	Yes
9160	City of Barrie	GIS Software for Asset data capture	Asset data capture for use in maintenance & asset management decision making.	\$114,533.32	\$1,010,000.00	December 31, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
9171	City of Barrie	2015 Capital asset management project	2015 corporate asset management projects to update 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.	\$63,249.08	\$1,238,006.19	January 1, 2015	December 31, 2017	Ongoing
9181	Town of Richmond Hill	Asset Management Plan Consulting	Consulting services to help Richmond Hill develop and implement its first corporate asset management plan.	\$142,252.00	\$403,600.00	January 1, 2015	December 31, 2017	Ongoing
9183	Town of Richmond Hill	Operations Levels of Service Studies	Consulting services to help Richmond Hill develop levels of service for public works operations resulting in strengthened asset management practices.	\$121,711.00	\$230,000.00	January 1, 2015	December 31, 2017	Ongoing
9211	Township of Dorion	Asset Management Plan - All Provincial Required Categories	Asset Management Plan to include all remaining categories as per provincial requirements.	\$9,158.40	\$12,960.00	December 3, 2015	December 31, 2016	Yes
9370	Township of Carlow/Mayo	Asset Management Plan Update	Update current Asset Management Plan to ensure compliance and to assist with future project planning.	\$4,800.00	\$11,071.50	June 21, 2016	February 3, 2017	Ongoing
9424	Town of Grimsby	Asset Management Plan for Facilities	The main objective of the project is to develop a 25 year Asset Management Plan (AMP) for all Town owned facilities. The various components of the project include an assessment of the current state of the Town's facilities and a review of their current service levels. From this data two strategies will be developed, an asset management strategy and a financial strategy.	\$34,214.31	\$34,214.31	August 15, 2016	August 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
9470	Township of Morley	Comprehensive Asset Management Planning	The Township has identified needs to upgrading their Asset Management Plan to reflect accurate planning for the future and has enlisted a qualified consultant to prepare a new comprehensive asset management plan.	\$7,767.01	\$17,299.20	June 1, 2016	December 31, 2016	Yes
9473	City of Pickering	Asset Management Planning	Year 1 will consist of consulting services for the development of a Road Map with respect to the City's Asset Management Planning. Year 2 will consist of completion of the Road Map process and the 2017 AMP Report to include full risk assessment, life cycle intervention models, deterioration curves, optimized budget development and a defined level of service framework and, including staff workshops. □	\$159,839.18	\$332,500.00	April 20, 2016	June 1, 2018	Ongoing
9474	City of Pickering	Facility Conditions Assessment (Recreation Centres, Community Centres, Fire Hall etc.)	Year 1: Consulting services to provide condition assessments of facilities for ESCC, Bon Beer Arena & Dunbarton Pool. Year 2: Conditions Assessments for Fire Hall #2, #5, #6, Dr. Tomlinson Community Centre. These assessments will enable the City to identify and prioritize repairs and replacement of building systems and components. The emphasis will be on those needs that have the potential for significant decreases in energy consumption and lowering the City's carbon footprint.	\$34,094.70	\$100,000.00	May 26, 2016	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
9500	City of Oshawa	LED Street Lighting Audit 16760030	Realterm Energy will perform an Investment Grade Audit to provide the City with a complete and accurate overview of our existing street lights, decorative street lights and municipal parking garage lights as well as provide pricing to complete an LED retrofit and outline the exact payback and savings associated with a conversion project.	\$129,947.78	\$150,000.00	January 1, 2016	December 31, 2016	Yes
9509	Township of Warwick	Asset Management Plan Update	Township of Warwick's Asset Management Plan Phase 2 development. 2016 was focused on a paved roads study for the entire township. 2017 will be focused on detailing the components of the various facilities within Warwick Township. All ongoing detail improvements are aimed at keeping the Township of Warwick ahead of revised requirements with respect to AMP reporting.	\$19,843.20	\$19,843.20	January 1, 2016	December 31, 2017	Ongoing
9527	Township of Brethour	Asset Management Plan Enhancement	The Township of Brethour retained the services of Infrastructure Solutions Inc. to update our Asset Management Plan which would include the following: The update is to include developing a state of infrastructure report, report on the assessment of desired levels of service, complete the asset management analysis and strategy, complete a financial strategy and do a final report and recommendations report.	\$1,628.17	\$4,320.00	June 14, 2016	January 1, 2020	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
9542	Township of Havelock-Belmont-Methuen	Purchase of Asset Management Software	To purchase asset management software to manage all assets of the Township more efficiently going forward which was all coming from the new asset management plan.	\$15,201.20	\$15,201.20	January 1, 2016	December 31, 2016	Yes
9559	Town of Smooth Rock Falls	Reg Lamy Cultural Centre Structure Upgrades Study	Located at the town's Reg Lamy Cultural Centre located at 195 Fifth Street and involves a study of the back end building structure. The section of the arena includes all the mechanical equipment of the arena but also includes a garage and also where the Zamboni is stored. The town did a request for proposal for this work and hired JL Richards to do the study. The project involves having the third party firm evaluating the structure to ensure it is structurally sound and up to building code.	\$21,226.86	\$22,010.69	June 1, 2016	December 31, 2017	Ongoing
9566	City of Clarence-Rockland	Improvements to Asset Management Planning Process	This project is comprised of the following activities. □ Training: provide ongoing training to staff to improve asset management concepts and best practices. □ Electronic Database: improve and consolidate asset inventory in our fixed asset and asset software to address PSAB and legislated requirements. □ Procedures and Long-term Planning: create a systematic process to develop long-term capital planning to ensure the proper management of tangible assets. □	\$4,870.74	\$17,500.00	August 1, 2016	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
9595	Town of Latchford	Asset Management Plan Upgrade	Our asset management plan needed to be updated because we needed to include all eligible municipal assets by Dec. 31/16. It will accurately and succinctly define how the Town's assets are to be managed over time and provide an reference for Council and staff. We also will build upon out existing AMP using the same format and analysis as described in Ontario's "Building Together Guide for AMP".	\$4,273.92	\$12,000.00	July 1, 2016	December 31, 2017	Ongoing
9773	City of Brockville	Development and Implementation of Asset Management Plan	The development & implementation of an asset management plan supported by effective asset management policies, processes & practices.	\$18,311.05	\$27,836.00	September 1, 2016	July 31, 2017	Ongoing
9794	City of Vaughan	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)	\$5,420.61	\$100,000.00	August 1, 2016	December 31, 2018	Ongoing
9820	Town of Hearst	Asset Management Plan Update	The Town of Hearst Asset Management Plan was not meeting our needs and we decided to have it redone by a different company and include all of the categories of assets required for Federal gas Tax funding.	\$17,808.01	\$33,775.00	September 21, 2016	June 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
9880	Region of Peel	Accessible Transportation Master Plan Implementation (Studies)	To transform the TransHelp program and to ensure the Region of Peel is AODA compliant with a sustainable model of service delivery for Peel residents with following focus: Creation and implementation of AT Master Plan; newly designed self-service website for users and caregivers; para-transit application process accessible online; improvements to self-serve technology with Interactive Voice Response Systems; online portal to book rides and access accounts; enhancements to our Trapeze scheduler.	\$59,315.90	\$1,150,000.00	January 1, 2016	December 31, 2018	Ongoing
9939	Township of North Huron	Asset Management Plan Phase 2 - Inclusion of All Assets	Phase 2 of the North Huron Asset Management Plan was undertaken in 2016. Phase 1 included the core infrastructure assets and all assets are now included in Phase 2.	\$21,908.42	\$21,908.42	December 31, 2016	December 31, 2018	Ongoing
9940	Township of North Huron	2017 Roads Needs Study	In 2017, the Roads Needs Study was updated and the information included in the Asset Management Plan.	\$13,108.85	\$13,108.85	January 1, 2016	December 31, 2016	Yes
9947	Region of Peel	Design Study for Active Transportation Bridge (Pedestrian/Cycling) Crossing at QEW & Credit River	Design Study for the Active Transportation Bridge (Pedestrian/Cycling) Crossing (North-South and East-West) at QEW and Credit River with City of Mississauga. The Study is 50/50 cost shared between the Region and the City of Mississauga and to be incorporated into MTO's QEW/Credit River bridge rehabilitation detail design assignment(16-4136).	\$6,152.04	\$375,000.00	January 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
9991	City of Cambridge	San Trunk Sewer Assessment	Specialized inspection of high risk sewer infrastructure including large diameter pipelines, siphons, and forcemains. This requires highly specialized procedures and equipment. These are required to assess the current condition of these components and identify remaining serviceable life as well as any current operational or structural remediation requirements.	\$231,683.00	\$231,949.00	January 1, 2016	December 31, 2016	Yes
9994	City of Cambridge	SWM Condition Assessment & Maintenance Program Development	Condition Assessments of city's stormwater management facilities, oil/grit separators and watercourses. The assessments are being used to develop regular inspection and maintenance plans for the facilities and identify annual costs associated with these plans. The assessments will also identify major maintenance required to restore the facilities to the original, normal operating conditions.	\$1,719.75	\$150,000.00	January 1, 2016	December 31, 2017	Ongoing
9998	City of Barrie	Corporate Asset Management Status Report	The report will identify the City's progress against the existing Corporate Asset Management strategy, validate the existing strategy and next steps in light of the organizational changes, and provide recommendations for the Corporation's work plan over the next several years. The project also included development of a State of the Assets Report, report card.	\$157,034.30	\$400,000.00	January 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
10003	Township of Chapple	Asset Management Plan with Condition Assessment	The Township of Chapple has hired Saulteaux Consulting and Engineering to provide a new asset management plan that includes a condition assessment of all assets and all necessary categories. This will result in a much more comprehensive asset management plan to assist in making the best possible decisions regarding the building, operating, maintaining, renewing, replacing and disposing of infrastructure assets.	\$20,342.84	\$40,685.68	July 12, 2016	December 31, 2017	Ongoing
10007	City of Barrie	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 integrate with other enterprise and business applications systems. The Cityworks technology system will be deployed to the field to reduce paper based work order processes.	\$50,211.23	\$1,699,000.00	January 1, 2016	December 31, 2017	Ongoing
10008	City of Barrie	Energy Audits and Re-commissioning Studies	Re-commissioning uses consultants to review all building HVAC and control systems and sensors to ensure all equipment is working together and 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.	\$40,942.35	\$370,000.00	January 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
10013	Township of Chapple	Shenston Landfill Closure Costs and Life Expectancy Report	With the development of the New Gold Inc. Rainy River gold mine, the municipal closure plan needs to be updated to determine the impact to the remaining useful life of the waste disposal site. An updated estimate of closure costs and expected remaining life of the site will assist the municipality in long-term planning for its replacement or expansion.	\$4,336.25	\$4,336.25	March 8, 2016	June 2, 2016	Yes
10032	Town of Richmond Hill	Fleet Utilization Review	The Fleet Utilization Review provides input into Asset Management Levels of Service for Fleet included in our Asset Management Plan by evaluating Richmond Hill's light duty fleet to better understand vehicle utilization and develop standards for rightsizing and future vehicle selection.	\$41,620.00	\$79,347.00	January 1, 2016	December 31, 2017	Ongoing
10037	Town of Richmond Hill	Detailed Energy Audits	The Detailed Energy Audits will provide a list of priority measures to improve facility energy conservation and efficiency, helping the Town to reduce energy use and lower corporate greenhouse gas emissions.	\$76,083.00	\$170,000.00	January 1, 2016	December 31, 2018	Ongoing
10044	Township of Georgian Bluffs	Asset Management Plan	Revising existing asset management plan to include buildings and vehicles. Public Sector digest was hired to complete the asset management plan on our behalf. This plan will then be used to prioritize projects and spending of gas tax funds.	\$18,825.60	\$25,000.00	July 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Capacity Building								
10075	City of Cornwall	2016 Building Condition Assessment	In 2016, the City of Cornwall hired a consulting firm to perform the analysis and assessments as described in the Ministry of Infrastructure's Building Together: Guide for Municipal Asset Management Plans (2012) and in keeping with the requirements for the Federal Gas Tax Fund program. A total of 95 municipal buildings and 202 fleet assets were assessed and rolled into a 10-year asset management plan (AMP) expanded by previously assessed linear/infrastructure assets.	\$150,000.00	\$189,914.22	June 1, 2016	December 30, 2016	Yes
10132	City of Oshawa	Highway 407 Post-construction Condition Assessment	This project will review the identified roads potentially impacted by 407 Construction and provide comparison in condition between the pre-construction assessment and post construction assessment as well as analysis with respect to rate of deterioration.	\$19,784.73	\$21,970.00	December 1, 2016	December 31, 2017	Ongoing
10157	Town of Cochrane	Road Needs Study	The Corporation of the Town of Cochrane, under Request for Proposal #2016-31, retained the services of exp Services Inc. to complete a "Comprehensive Road Needs Study".	\$22,234.67	\$22,234.67	October 1, 2016	December 31, 2016	Yes

Total Federal Funds Used: \$5,707,424.92
Total Project Costs: \$46,493,013.44

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
119	City of London	Facility Energy Management	This project will reduce energy consumption at City facilities by replacing existing equipment with energy-efficient technology at a number of sites.□	\$319,551.95	\$3,300,000.00	November 16, 2005	March 31, 2021	Ongoing
4198	Town of Ajax	Audley Recreation Centre Phase 1	Targeted for LEED Silver Certification Some of the elements to be incorporated into the building include: Bicycle Storage, Stormwater Management, Water Efficient Landscaping, Optimize Energy Performance, Energy Recovery Ventilators, Condensing Water Heaters, Occupancy Sensors, Enhanced Glazing, Shade Fins, Solarwall, Solar Hot Water, Green Building Education Plan, Low Mercury Lamps.□	\$94.93	\$32,500,000.00	November 5, 2009	December 30, 2017	Ongoing
4607	City of Brockville	Brockville Memorial Centre - Solar Roof project	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.	\$68,672.98	\$1,475,875.78	August 1, 2010	December 31, 2028	Ongoing
5428	City of Brampton	Energy Saving & Retrofit Program (111520)	Energy reduction & cost saving programs that reduce the demand for electricity, natural gas and water in the city owned facilities. Programs may include retrofits and upgrades for lighting, plug loads, mechanical equipment, building envelope and building automation.	\$800,161.27	\$2,255,000.00	September 15, 2011	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
5440	City of Brampton	Community Services Energy Conservation (115510)	Project work includes (but is not limited to): Lighting retrofits at various City facilities; natural gas refueling systems, replacement of an ice plant condenser at Greenbriar RC; a new 2 million BTU LAARS boiler package at McMurchy RC; modification to the heating system at Chris Gibson RC; HVAC renovations at the Animal Shelter.	\$287,835.89	\$2,662,700.00	January 1, 2011	December 31, 2017	Ongoing
5443	City of Brampton	Streetlighting infrastructure upgrades (114530)	New Streetlight installations, infrastructure upgrades & establishment of an inventory data management system. Luminance design requirements & luminance uniformity, facilitate traffic flow & traffic safety.	\$118,848.97	\$4,078,200.00	January 1, 2011	December 31, 2017	Ongoing
5449	City of Brampton	Traffic Signal Modernization Program	Traffic Signal Modernizations improve and upgrade the aging traffic signal equipment to current standards. These standards improve safety, accessibility and the overall appearance at the intersection.	\$1,876.56	\$625,000.00	January 1, 2011	December 31, 2017	Ongoing
5701	Village of Hilton Beach	Streetlight Renewal	To upgrade the existing streetlight system which is 50 years old and very inefficient. Project will replace all lights with energy efficient LED fixtures which will reduce both energy usage and operating cost. Some wiring and poles will also have to be replaced.	\$8,816.92	\$109,275.00	October 4, 2011	June 30, 2020	Ongoing
6217	City of Woodstock	Energy Efficient Street Light Test Program	Replacement of HPS with more energy efficient LED lights.	\$350,000.00	\$625,383.67	January 2, 2012	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
6366	City of Guelph	Replacement and upgrade of Streetlights	Replacement and upgrade of city's streetlights to reduce energy use. In partnership with local owned Hydro Electric Utility, replacement and upgrade work on the City owned network of lights to ensure continued service and modernization of system.	\$483,906.09	\$1,500,000.00	January 1, 2012	December 31, 2017	Ongoing
6386	Town of Richmond Hill	Bayview Hill Pool Dry-O-Tron Replacement	The conversion of conventional air handling equipment at the Bayview Hill Community Centre Pool to an energy efficient air handling unit will result in lower energy usage and lower greenhouse gas emissions.	\$38,527.00	\$1,670,000.00	January 1, 2012	December 31, 2016	Yes
6894	Town of Ajax	Harwood Streetlight Conversion to LED	The conversion of existing HPS streetlights to LED streetlights.	\$2,451.37	\$415,927.24	May 28, 2013	December 31, 2016	Yes
6941	City of Markham	Powerstream Embedded Energy Projects	Energy monitoring, operator training, & energy retrofits. Projects include: Street Lighting Retrofit Project, Varley Art Gallery Lighting Retrofit, Demand Response, Milliken Mills & Civic Centre improving building envelope, Clatworthy energy efficient hot water tank replacement, Fleet Management block heater optimization, Thornhill and Clatworthy exit sign upgrade, Thornhill compressor optimization, Citywide vending machine optimization, Milliken Mills arena & soccer dome lighting retrofit.	\$49,656.27	\$620,720.00	October 15, 2012	June 30, 2017	Ongoing
6943	City of Markham	Uptown Ph 2 Piping Infrastructure	Installation of primary pipes hot and cold to connect to the piping from Ph 1 M12 1500848	\$800,000.00	\$1,200,000.00	June 1, 2012	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
6966	City of Vaughan	Civic Centre Resource Library Energy efficient Lighting & Heating Systems	The proportionate cost associated with the LEED components of the new Civic Centre Resource Library, such as, energy efficient light fixtures and heating and cooling systems (LI-4519-09).	\$251,186.09	\$15,177,972.00	April 1, 2013	December 29, 2017	Ongoing
7095	Town of Oakville	Street Lights Rehabilitation & LED Conversion	This project will install new lighting in unlit/in-filling areas and to replace/repair street light system deficiencies identified by needs assessment. The goal is to replace high intensity discharge street lighting fixtures, i.e. high pressure sodium lights, and other high energy consumption fixtures with LED high energy efficiency technology over a number of years.	\$117,201.00	\$171,966.00	July 31, 2013	December 31, 2017	Ongoing
7110	City of London	TS6217-13 2013 Facility Energy Management	A facility renewal and energy retrofit was completed at various City facilities. Works included a solar rooftop FIT 2.0 Strategy and Implementation at City Hall and the installation of new high efficiency pool pumps with VFDs at the Canada Games Aquatic Centre. These upgrades will reduce future operating costs through reduction in consumption.	\$22,659.14	\$159,524.00	March 4, 2013	June 30, 2017	Ongoing
7153	City of Waterloo	CCGG Mechanical System Upgrades	Canadian Clay and Glass Museum mechanical system upgrades	\$125.00	\$36,509.00	January 1, 2013	December 31, 2017	Ongoing
7162	City of Waterloo	Various Energy Management Upgrades	Various Energy Management Upgrades □ Project 110014	\$224,865.00	\$4,214,841.00	January 1, 2013	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
7270	Town of East Gwillimbury	New Streetlights	This project includes the installation of new energy efficient LED streetlights on Bridal Path, where there are presently no streetlights. By using energy efficient streetlights, lower energy costs will result in reduced greenhouse gases.	\$5,130.94	\$19,784.38	May 5, 2014	December 31, 2017	Ongoing
7422	Town of Deep River	LED Street Lighting Project	All existing street lighting in the Town of Deep River will be converted to LED lighting.	\$36,680.29	\$359,714.79	May 1, 2015	May 6, 2016	Yes
7433	City of Brantford	Ashgrove Streetlight Conversion (2014)	Over the last 3 years, the Ashgrove Area has had extensive infrastructure failures requiring emergency repairs to poles and underground electrical infrastructure. This project will assess the current streetlighting levels, prepare a plan and implement a replacement program for poles, fixtures, lights and buried infrastructure replacement with a focus on more energy efficient fixtures. Based on approx. 260 streetlights, replacement schedule is: 2014 - 55; 2015 - 55; and 2016 - remainder.	\$260,791.89	\$1,174,000.00	January 1, 2014	December 31, 2017	Ongoing
7740	Town of Ajax	Replacement of Fire Station 1 Condensing Unit	Fire Station 1 condenser supplies cool air in the summer to part of the station. This replacement consists of the removal of the old condenser that is very low efficiency and replacement of that unit with a new high efficiency condenser that will provide energy savings.	\$21,802.07	\$22,176.28	May 1, 2014	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
7744	Municipality of Leamington	Traffic Signal Upgrades (LED Conversion)	The conversion to LED Bulbs in our traffic signals will allow for a longer useful life and allow for a large saving 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 traffic and signal lights.	\$8,629.24	\$100,000.00	March 2, 2015	December 31, 2018	Ongoing
7749	Municipality of Leamington	LED Street Light Conversion	The conversion to LED Bulbs in our street lights will allow for a longer useful life and allow for a large saving 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 lights.	\$309,264.00	\$1,300,000.00	April 1, 2015	December 14, 2018	Ongoing
7753	Town of Ajax	MCC / ACC Lobby Lighting Retrofit	The existing Main Lobby lighting at the Ajax Community Centre and the McLean Community Centre has reached the end of its useful life cycle. The existing lighting is metal halide that is not very efficient. Staff replaced existing fixtures with new LED light fixtures that are energy efficient and will provide improved light quality for facility users. □	\$80,792.36	\$99,899.06	April 12, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
7810	City of Pickering	Pickering Recreation Complex Retrofits 2014-2016	Retrofits work at the Recreation Complex. Project included Integrated Energy Program, Replacement of Backup Chiller, Air Handling Units, Rooftop Unit, Domestic Hot Water Tanks, Lighting Upgrades for the following sections Recreation Core, Arenas, Pool, Recreation Complex Arena, and Banquet Hall Fan Replacement.	\$1,030,555.75	\$2,016,449.27	March 3, 2014	December 31, 2016	Yes
7811	City of Pickering	East Shore Community Centre Energy Retrofits 2014-2016	Retrofits work at the East Shore Community Centre. Project included gymnasium HVAC unit replacement, LED light fixtures replacement in lawn bowling area and community room, and boiler & controls replacement in 2nd floor mechanical room, including required upgrades to related control systems to tie in with City-wide automation controls.	\$86,088.91	\$140,200.00	September 1, 2014	December 31, 2017	Ongoing
7971	City of Waterloo	AMCC Mechanical Dehumidifier Unit	Replacement of Mechanical Dehumidifier Unit, project 120019	\$66,223.00	\$187,991.00	January 1, 2014	December 31, 2017	Ongoing
8057	City of Cambridge	Facilities Energy Retrofit	Replacement of furnaces and water heaters at multiple locations. This includes all fire stations, arenas, and Preston Auditorium.	\$43,342.55	\$360,829.55	January 1, 2014	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
8127	City of Vaughan	Walkway Lighting Replacement	Many of the first generation poles that were installed in the parks have corroded at the bases and are not structurally or electrically sound. Corrosion has occurred due to metal breakdown and as a result of winter deicing methods. It is proposed to replace the walkway lighting using concrete poles and LED lighting which will reduce energy consumption by 40%. (BF-8360-14, BF-8361-14, BF-8376-14, BF-8377-14, BF-8386-14, PK-6439-14).	\$49,156.25	\$392,200.00	December 31, 2014	December 31, 2017	Ongoing
8190	Town of Richmond Hill	Central Library HVAC Upgrade	The conversion of a conventional chiller plant at the Central Library to energy efficient equipment will result in lower energy usage and lower greenhouse gas emissions.	\$451,953.00	\$850,000.00	January 1, 2014	December 31, 2017	Ongoing
8191	Town of Richmond Hill	Elgin Barrow Arena Refrigeration Plant Upgrade	The conversion of a conventional refrigeration plant at Elgin Barrow Arena to an energy efficient unit will result in lower energy usage and lower greenhouse gas emissions.	\$1,289,607.00	\$1,850,000.00	January 1, 2014	December 31, 2017	Ongoing
8205	Town of Richmond Hill	HVAC Upgrade at Municipal Offices	The conversion of conventional HVAC equipment at Richmond Hill's Municipal Offices to energy efficient units will result in lower energy usage and lower greenhouse gas emissions.	\$19,824.00	\$785,000.00	January 1, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
8317	Town of Ingersoll	Town Centre Building Automation System Replacement	Digital control system that serves the boilers and HVAC systems. The control system is obsolete and does not control the HVAC system. The cooling and heating systems are not interlocked and a single conditioned area can be heated and cooled at the same time wasting energy.	\$3,742.73	\$3,742.73	June 1, 2015	June 1, 2017	Ongoing
8318	Town of Ingersoll	Town Centre Water Boiler Replacement	The Lochinvar Boiler is 28 years old and is at the end of its useful life. There are two boilers in Town Centre and one was replaced on an emergency basis in 2013.	\$12,000.00	\$50,429.24	June 1, 2015	December 30, 2016	Yes
8397	Town of Iroquois Falls	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%.	\$57,058.92	\$1,020,972.23	May 26, 2014	December 31, 2026	Ongoing
8482	Town of Kirkland Lake	Public Works Garage Roof Retrofit	The existing roof at the public works garage is past its useful life. It is underinsulated, causing significant heat loss and ice formation. The metal roof retrofit will see new insulation which will greatly reduce heat loss and contribute to the new heater operating at maximum efficiency.	\$8,222.21	\$400,000.00	February 2, 2015	December 31, 2017	Ongoing
8515	Municipality of Clarington	CCC Library and RRC HVAC units 2015	Replacement of the roof top HVAC units.	\$112,975.29	\$121,465.29	January 2, 2015	December 31, 2016	Yes
8517	Municipality of Clarington	SCA Heat Pump and Refrigeration Controls Upgrades 2015	Partial replacement of heat pump compressors and installation of 6000SC refrigeration controls system	\$20,967.00	\$65,571.94	January 2, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
8531	City of Pickering	Don Beer Arena: Improving Energy Efficiency 2015-2017	Retrofits work at the Don Beer Arena. Work included replacement of existing dehumidifiers in rinks 1 and 2 with a central dehumidification system to enable use of summer ice in rink 1 and improve humidity control in rink 2 during shoulder seasons, lifecycle replacement of one rooftop unit (RTU-3) serving lobby area replacement, and ammonia compressor replacement in the refrigeration plant for rink slabs in Arenas #1 & #2.	\$110,704.00	\$367,471.00	July 2, 2015	December 31, 2016	Yes
8574	City of Cambridge	Energy Retrofits in David Durwood Centre and Fire Station # 5	David Durwood Centre ... Rooftop unit replacement, high efficiency boiler replacement, Building automation system installation, demand control ventilation installation, lighting replacement, and Variable frequency drive (VFD) installation. □ Fire Station # 5 ... Insulation and drywall upgrades and Electrical upgrades in the dorm.□	\$333,406.93	\$353,794.45	February 2, 2015	December 31, 2017	Ongoing
8575	City of Cambridge	Queens Sq. Building Energy Upgrades	Replacement of a 1985 HVAC system (15R006). Modernization of building automation system and components for 1992 addition (Project 15R007).□	\$10,194.32	\$128,371.32	February 2, 2015	December 31, 2017	Ongoing
8656	Town of Ajax	LED lighting upgrades/retrofits – various locations	Design and installation of new LED lights including street lights on Mills Road from Station Street to Hunt Street, Main Branch library lighting, and parking lot lights at McLean Community Centre.	\$244,725.95	\$477,757.00	September 1, 2016	February 28, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
8664	Town of Ajax	Ajax Community Centre Chiller Replacement	Replacing the current 25 year old chiller with a smaller chiller that has a very high efficiency rating and will save a large amount of energy used annually to operate this equipment. In addition to the chiller replacement the pumps and motors are being replaced with high efficiency pumps and VFD motors.	\$292,146.95	\$347,451.74	September 28, 2015	December 31, 2016	Yes
8665	Town of Ajax	Ajax Community Centre Pad 1 & 2 Boiler retrofit	The existing low efficiency domestic hot water boilers for pad 1 and 2 at the Ajax Community Centre were replaced with high efficiency boilers that have a thermal efficiency higher than 96% thus reducing natural gas consumption for these units thus reducing green house gas emissions.	\$35,055.27	\$38,108.07	July 30, 2015	December 31, 2016	Yes
8666	Town of Ajax	St Andrews Boiler/ HVAC Retrofit	The existing boilers and HVAC equipment in the facility are very old and not very efficient. This equipment will be replaced with high efficiency condensing boilers and HVAC equipment. These new boilers will reduce gas consumption in the facility significantly. In addition the pumps for this system will be replaced with higher efficiency units as well.	\$248,158.94	\$265,025.65	July 30, 2015	April 28, 2017	Ongoing
8677	City of Welland	Prince Charles Drive Fire Station Roof Replacement	The project consists of replacing the roof on the Prince Charles Drive Fire Station.	\$22,075.14	\$35,000.00	April 11, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
8722	City of Markham	New Chillers and Boiler for Clegg and Birchmount Energy Centres	This projects includes the installation of 1530 ton new chiller to Clegg Energy Centre, 1530 ton of new chiller to Birchmount Energy Centre, and 9 MW new boiler to Clegg Energy Centre.	\$3,200,000.00	\$3,720,000.00	July 31, 2015	November 30, 2016	Yes
8815	City of St. Thomas	Street Light Efficiency Replacement Project	Replacement of approximately 4650 high pressure sodium street light fixtures to LED light fixtures. This covers the entire City of St. Thomas road network. This will reduce the energy consumption for the system by an estimated 30%. □	\$1,695,453.27	\$2,500,000.00	September 30, 2015	December 31, 2016	Yes
8871	Town of Bancroft	Streetlight Retrofit to LED	Retrofit of streetlight system to LED lights	\$61,772.37	\$196,891.65	August 4, 2015	December 31, 2016	Yes
8874	Town of Whitchurch-Stouffville	Town Hall Warehouse Renovation	Installation of new, more energy efficient lighting in the renovated town hall premises. The renovation utilized a combination of T-Grid LED troffer fixtures of 4 ft. and 2 ft. lengths. 30 x 4 ft. fixtures and 23 x 2 ft fixtures were installed. These are high efficiency, long life fixtures installed in meeting room area within the premises. □ □ The objective is to provide energy efficient, long-life lighting that is efficient to operate and has a reduced life cycle cost.	\$99,345.00	\$1,200,000.00	January 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
8887	City of St. Catharines	LED Streetlight Conversion	This project is for the removal of existing and supply and installation of approximately 14,070 street light fixtures and upgrading wiring harnesses. This project allows for the replacement of existing High Pressure Sodium with Light Emitting Diode street light luminaires on both Municipal and Regional roadways.	\$1,024,923.42	\$5,900,000.00	July 2, 2015	November 29, 2019	Ongoing
8945	Township of Springwater	LED Streetlight Conversion Project	The LED streetlight conversion program will retrofit all existing cobra head type lights presently equipped with less efficient High Pressure Sodium (HPS) ballasts and bulbs of various wattage. Several older street lit areas in Midhurst, Elmvale, Phelpston and Hillsdale, as well as many rural intersections will be upgraded through this project. □ Decorative light retrofits have not been included in this undertaking as there are currently no rebate programs in place for these streetlights. □	\$62,250.39	\$229,016.22	September 1, 2015	May 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
8951	Town of Georgina	Solar LED lighting & Ice Rink Automation	Ice Rink - Upgrades to existing Ice plant control system at Georgina Ice Palace to include automated dehumidification control and various software upgrades- This helps in low maintenance, cost savings and issues diagnosed based on logged compressor information. □ □ Park Lighting - Solar LED lighting at 4 town parks (Bayview Park, Sutton Skate Park, Whipper Watson Park and Vista Park). Safer lighting, environment friendly solution	\$407.04	\$79,600.00	January 1, 2016	December 31, 2017	Ongoing
8967	Township of Chapple	Energy Management	LED Street lights were installed. A energy efficient furnace system was purchased for the Municipal Office/Garage Facility. The furnace and energy efficient system will be installed in 2016.	\$6,013.75	\$38,814.78	May 14, 2015	December 31, 2016	Yes
9071	Town of Oakville	HVAC - Various Locations	Replacement of HVAC - heating, cooling and air conditioning - equipment at various town facilities with more energy efficient equipment.	\$231,103.00	\$1,077,249.00	January 1, 2015	December 31, 2017	Ongoing
9180	Town of Richmond Hill	2015 Building Energy Improvements Program	This program to convert conventional equipment to energy efficient equipment at Richmond Hill's municipal facilities will result in lower energy usage and lower greenhouse gas emissions.	\$371,859.00	\$1,825,000.00	January 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
9185	City of Cambridge	Replacement of Boiler Units in Alan Reuter Centre	This project will replace the existing boiler units with a high efficiency boiler units and hot-water heater controls at the Alan Reuter Centre. These replacements will help realize GHG savings to achieve the goals set out in the Corporate Greenhouse Gas and Energy Conservation, and Demand management Plan. □	\$47,540.85	\$435,000.00	January 1, 2016	December 31, 2017	Ongoing
9216	Town of Northeastern Manitoulin and the Islands	LED Streetlight Upgrades	The Town replaced 215 street light heads with LED heads. This resulted in a 30% reduction in electrical consumption in year one.	\$5,427.76	\$130,484.81	September 16, 2015	March 31, 2016	Yes
9252	Township of Harris	Municipal Garage Retrofit	The existing electric furnace at the municipal garage is past it useful life. It will be replaced with an energy efficient propane furnace. The garage ceiling is under insulated, causing significant heat loss. New spray insulation on the ceiling will greatly reduce heat loss and contribute to the new furnace operating at maximum efficiency. The un-insulated garage door will be replaced with a new, insulated door which will also contribute to energy savings.	\$5,332.11	\$25,000.00	June 1, 2016	December 31, 2017	Ongoing
9313	Town of Hanover	10th Street Coachlight Replacement to LED	Converted the remaining 10 coach lights from 10th Street in the downtown area and the outstanding 22 non LED streetlights that were not completed in the 2015 LED streetlight project to new LED streetlights in 2016.	\$39,906.52	\$39,906.52	September 12, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
9331	Town of Smiths Falls	Lombard St. LED Streetlights Project	This project is for additional LED street lighting which is currently poor in certain areas.	\$5,003.60	\$826,721.56	June 1, 2016	December 31, 2016	Ongoing
9373	Norfolk County	LED Lighting and Solar Energy	LED street lighting retrofit and rooftop solar PV installation.	\$21,417.43	\$1,668,000.00	September 23, 2015	June 30, 2017	Ongoing
9386	Town of Kearney	LED Streetlight Retrofit	Convert all 63 existing streetlights in the Town to LED	\$29,281.50	\$29,281.50	July 5, 2016	December 31, 2016	Yes
9413	Township of Pickle Lake	Pickle Lake LED Streetlight Project	We will replace all 81 HID cobra head street light and 23 HID decorative flood lights and wallpacks in Pickle Lake with LED luminaries. As well, we will install four new LED wallpacks on existing buildings. This is a community-wide project, the result of which is anticipated to bring about a 67 per cent reduction in annual electricity consumption.	\$51,728.85	\$98,512.48	July 26, 2016	July 31, 2017	Ongoing
9442	Town of LaSalle	LED Streetlight Conversion (Town wide)	Conversion of all Town Streetlights to LED, which will result in a 70% reduction in hydro usage.	\$2,424,343.09	\$2,900,000.00	January 1, 2016	June 30, 2017	Ongoing
9445	Township of Red Rock	New Energy Efficient Furnace at Water Treatment Plant	We will be replacing the natural gas furnace in the Water Treatment Plant that has failed its annual inspection. It will be replaced with an energy efficient model.	\$5,309.24	\$5,309.24	November 8, 2016	November 30, 2016	Yes
9461	Township of Red Rock	New Energy Efficient Natural Gas Furnace at Recreation Centre	We will be replacing an aging natural gas furnace that has failed with a new energy efficient natural gas furnace	\$4,500.00	\$4,500.00	November 24, 2016	November 24, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
9468	Township of Red Rock	Installation of Hot Water Storage Tanks at Recreation Centre	As part of our energy conservation efforts we have installed hot water storage tanks as we require more hot water than can be created in a short period of time for flooding of the ice in the recreation centre arena. Rather than installing a second one, the storage tank does the job quite effectively and we not have the capacity to fill the Zamboni.	\$2,969.54	\$2,969.54	December 5, 2016	December 6, 2016	Yes
9477	City of Pickering	Community Centres, Facilities, Civic Complex Retrofits 2016-2018	Retrofits projects at the Civic Complex, Brougham and Claremont Community Centres. The Civic Complex project includes life cycle replacement of the supply and return fan (SF1 + RF1) serving the main lobby area on both floors of the Civic Complex. Brougham Hall & Claremont Community Centres project is related to the light fixture replacement. □ □	\$12,543.55	\$300,000.00	December 19, 2016	December 31, 2018	Ongoing
9478	City of Pickering	Pickering Recreation Complex Retrofits 2016-2018	Retrofits work at the Recreation Complex include HVAC Replacement SF-7 & RF-7, serving north corridor, including controls upgrades, skylight replacements for the over 40 skylights located over the main lobby and mezzanine spaces.	\$72,360.00	\$520,000.00	July 4, 2016	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
9482	City of Oshawa	LED Retrofit Civic & Northview Rec Complex 16100040	This project is to change the high-energy inefficient lights at Northview Community Centre gym, Civic Complex field house and swimming pool. The lights will be replaced with LED direct lighting. The project will also include a building automation system (BAS) at Northview Community Centre for added energy savings.	\$144,002.37	\$164,894.45	January 1, 2016	December 31, 2017	Ongoing
9568	Town of Smooth Rock Falls	Replacing Arena Lights with LED	Replaced 52, 450 watts mercury vapour lights with new 119 watts LED hi-bay lights at the Town's Reg Lamy Cultural Centre which will result in electricity savings of approximately 75% and lower maintenance/repairs cost to the municipality.□	\$15,352.96	\$24,202.08	November 1, 2016	February 27, 2017	Ongoing
9606	City of Hamilton	Replacement of Citywide Streetlights to LED	City-wide replacement of all low-wattage street lights (70W, 100W, 150W & 200W) with LED street lights. The existing HPS street lights are quickly nearing end-of-life and this project will off-set increasing operating costs, reduced service levels and decrease electricity consumption by approximately 50%. Complete replacement of approximately 28,000 low-wattage HPS street lights (70W, 100W, 150W & 200W) to LED	\$238,242.82	\$3,607,000.00	January 1, 2016	December 31, 2018	Ongoing
9717	Town of Aylmer	Coopers Alley - Streetlights Upgrade to LED	Upgrade the street lighting on Coopers Alley in the John Street to King Street area to LED lighting.	\$15,000.00	\$27,865.95	January 4, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
9753	City of Vaughan	Energy Conservation Improvements	Energy saving systems at various City of Vaughan Buildings - improvements and upgrades to the building automation systems and review of mechanical systems (BF-8101-08)	\$401,818.75	\$750,000.00	January 1, 2015	December 31, 2019	Ongoing
9754	City of Vaughan	Roofing - Repairs & Replacements	Consulting services to audit and assess the roofs at various building and provide reports detecting necessary work; remaining life span and costs. (BF-8445-14)	\$22,590.76	\$30,000.00	October 1, 2015	December 31, 2018	Ongoing
9795	City of Vaughan	LED Streetlight Conversion	replacement of residential High Pressure Sodium (HPS) street lights with LED lighting (RP-2058-15)	\$93,049.51	\$3,150,000.00	January 1, 2016	December 31, 2022	Ongoing
9808	County of Grey	Window Replacements (2016-2017)	New windows at these locations will provide greater energy efficiency and reduce heating costs. This is a 3 year project, encompassing 6 locations.	\$78,811.19	\$659,401.19	April 1, 2016	December 31, 2017	Ongoing
9984	City of Sarnia	LED Streetlight Conversion (South of the Highway, North of train tracks, West of Indian Road etc.)	Replacement of 1798 High Pressure Sodium streetlights South of the Highway, North of the train tracks, West of Indian Road and East of the River with LED streetlights. The main objective of the project is to save on electricity and maintenance costs, as well as to comply with the City's standards when replacing or constructing new streetlights.	\$603,436.04	\$773,376.04	April 1, 2016	December 31, 2016	Yes
10026	Town of Richmond Hill	Streetlight Conversion to LED	The conversion of Richmond Hill's streetlights to LED technology will save money and lead to reduced energy usage and greenhouse gas emissions.	\$6,614.00	\$12,000,000.00	January 1, 2016	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
10036	Town of Richmond Hill	Multi- Facility Lighting Retrofit	The Multi Facility Lighting Retrofit Project will result in lower energy usage and lower greenhouse gas emissions at Town facilities.	\$59,018.00	\$950,000.00	January 1, 2016	December 31, 2018	Ongoing
10109	Town of Mattawa	LED Street Light Project	The Town of Mattawa retrofitted a total of 261 municipal street lights (LED Roadway Lighting Ltd.) in addition to 13 new light heads (King Luminaire) on our Main Street decorative lamp poles. The new LED modules will ensure years (20 year-warranty) of maintenance-free operation of the luminaires and estimating a 69% reduction in annual electricity consumption (kWh).	\$159,335.35	\$159,335.35	January 1, 2016	December 31, 2016	Yes
10145	Town of Richmond Hill	LEED Upgrades to new Civic Centre	This project involves LEED upgrades to Richmond Hill's new 242,154 square foot Civic Centre.	\$68,903.00	\$249,100.00	January 1, 2016	December 31, 2022	Ongoing
10174	Town of Cochrane	THEC Hall Lighting Retrofit	Replacement of 19 light fixtures at the Tim Horton Events Centre (THEC) for LED high efficiency.	\$7,937.00	\$7,937.00	January 1, 2016	May 31, 2016	Yes
10231	Municipality of Wawa	LED Upgrade of exterior lights in various Municipal Buildings & Parks	The project was to upgrade all existing exterior lights on Municipal buildings and Recreation/Parks and convert to LED, Realterm subcontracted 85-electric for install purchased all fixtures from CREE lighting	\$75,903.02	\$122,576.32	December 8, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Community Energy								
10235	Municipality of Red Lake	Cochenour Fire Hall Natural Gas Conversion	To upgrade the heating system for the Cochenour Fire Hall from using heating fuel to using natural gas. This switch in addition to being more economically viable for the local ratepayer, will greatly reduce the production of greenhouse gases/carbon emissions.	\$14,653.44	\$16,272.00	August 1, 2016	September 30, 2016	Yes
10236	Municipality of Red Lake	2016 Street Light Conversion to LED	Converted 100% of the community street light (630 units) from high pressure sodium to L.E.D. This project in addition to being environmentally friendly, is expected to reduce hydro costs by \$120,000 per year.	\$397,156.88	\$459,196.97	April 1, 2016	December 31, 2016	Yes

Total Federal Funds Used: \$21,100,327.70

Total Project Costs: \$133,035,713.33

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Culture								
8311	City of Kitchener	Centre in the Square Upgrades	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 is owned by the city of Kitchener and requires significant capital upgrades including roofing, an AODA washroom, dressing room upgrades, loading dock renovations, LED lighting upgrades in public & production areas.	\$158,874.00	\$6,012,157.00	May 15, 2015	December 31, 2018	Ongoing
9038	City of Brampton	Renovation of Rose Theatre Facilities - 161650-240	General replacements, repair, and renovations of indoor assets such as structural, mechanical, electrical, building finishes, furnishings, equipment that requires replacement due to wear and tear, functional obsolescence, and customer need.	\$235,305.68	\$895,000.00	January 1, 2016	December 31, 2019	Ongoing
9174	Town of Richmond Hill	Oak Ridges Library Expansion	The new 19,000 square foot Oak Ridges Library will bring expanded library services to the residents in the north end of Richmond Hill.	\$769,240.00	\$11,203,000.00	January 1, 2015	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Culture								
9596	Town of Perth	Construction of a Legacy Dry Stone Bridge	Built during Perth's 200 Anniversary celebrations, as a legacy project and one of the major featured events. It was built in keeping with the heritage of the Town. The bridge will provide pedestrian access to a new terraced area suited for outdoor cultural and community events, including weddings and as a tourist attraction. Constructed by national and international renowned dry stone masons and was a major project for Algonquin College, Perth campus Stone Masonry program.	\$84,362.16	\$194,914.94	February 4, 2016	December 30, 2016	Yes
9639	City of Markham	Benjamin Thorne Monument at Thornhill Community Centre	This project will install a Benjamin Thorne Monument at the Thornhill Community Centre entrance.	\$6,792.48	\$249,200.00	September 15, 2015	June 30, 2018	Ongoing
9815	City of Thunder Bay	HVAC Replacement at Thunder Bay Community Auditorium	Replacement of existing Supply and Return Fan motors with new motors c/w variable frequency drives and installation of new Building Automation System.	\$10,891.93	\$215,000.00	April 1, 2016	April 1, 2020	Ongoing

Total Federal Funds Used: \$1,265,466.25
Total Project Costs: \$18,769,271.94

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Disaster Management								
8840	Town of Oakville	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 2011 Creek Erosion Inventory and Assessment. Phasing includes design, permitting and construction.	\$47,023.00	\$73,543.00	January 1, 2015	December 31, 2017	Ongoing
9607	City of Hamilton	West Harbour & Waterfront Strategic Initiatives - Multiple Projects	Shoreline reconstruction and rehabilitation in the marina's main basin. Includes design and construction of required rehabilitation and replacement of main basin's shore line between Pier 4 and Pier 7. To be coordinated with new Pier 5-7 Boardwalk, Pier 6 Gas Dock rehab, Pier 6 Artisan Village, Pier 7 Commercial Village and required municipal servicing for each pier to support new uses. greater level of remediation e.g. greater depth of excavation in order to accommodate a road and watermain etc.	\$987,643.51	\$2,750,000.00	January 1, 2016	December 31, 2019	Ongoing

Total Federal Funds Used: \$1,034,666.51
Total Project Costs: \$2,823,543.00

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
126	City of London	Thames Valley Parkway Trail Construction	Construction of a trail to link a campus of the University of Western Ontario and a London neighbourhood to the main pathway system. Thus providing access to the rest of UWO and downtown and encourage active transportation.	\$18,437.82	\$2,582,838.00	November 1, 2005	December 31, 2017	Ongoing
326	Region of Halton	Neyagawa Boulevard Widening & Improvements (Project #5278)	Class EA for the widening of 3.0km of Neyagawa Blvd (Regional Road 4) from 2 to 4 lanes between Dundas St (Regional Rd 5) and Burnhamthorpe Rd (Regional Rd 27) in the Town of Oakville. Includes provision for a minimum 4.2 m wider shared curb lane to accommodate cyclists. In areas with high cycling volume a minimum 1.2 m delineated cycling lane may be provided.	\$572,083.00	\$19,209,151.00	November 1, 2006	December 31, 2019	Ongoing
572	City of London	Bike Lane Program	Project will create bike lanes on roads that are being rebuilt or widened; bike lanes to be added to selected streets in core area to encourage downtown commuting.	\$21,657.24	\$2,500,000.00	April 10, 2006	December 31, 2017	Ongoing
805	Township of North Glengarry	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 # 50 - Glen Sandfield Road, Structure # 51- Glen Sandfield Road, Structure # 53 - Old Military Road and Structure # 55 - Power Dam Road.	\$206,520.71	\$10,220,845.36	January 1, 2006	December 31, 2023	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
2248	County of Wellington	Widening & installation of turning lanes - Wellington Rd 46 and Maltby Rd	Wellington Road 46 has, over the past several years, shown distress and cracking. The project allows for a new surface, turning lanes and 4 laning. The 4 laning of Wellington road 46 will improve the flow of traffic, reducing fuel consumption.□ Design work was done in 2012. Construction will start 2017.	\$2,323.10	\$3,600,000.00	January 2, 2012	December 30, 2021	Ongoing
2919	Town of Oakville	Roadway resurfacing	Road resurfacing and rehabilitation of various town roads. Benefits include: Reduce vehicle operating costs, improved ride quality, reduce gas emissions.	\$3,928,065.00	\$40,453,316.00	March 11, 2009	December 31, 2028	Ongoing
2920	Town of Oakville	Bridge replacement and widening - Lower Base Line	Project involves roadway reconstruction; bridge replacement and widening; improved road space for cyclist accommodation; drainage improvements.	\$83,700.00	\$1,857,598.00	March 11, 2009	December 31, 2016	Yes
3142	Town of Spanish	Road Rehabilitation - "Three Roads"	Rehabilitation of three very important roads in the community under the Infrastructure Stimulus Funds program and Building Canada Two. The projects essentially include complete reconstruction of portions of Devlerk Rd., Shedden Backline Rd. and Spanish-Public Rd.	\$42,321.23	\$2,716,947.38	June 1, 2009	October 1, 2018	Ongoing
3482	Town of Shelburne	Reconstruction - Marie & Jane Streets	This project encompasses all elements of a complete road reconstruction needed to update the subdivision from open ditch to current urban standards.	\$202,375.00	\$2,100,000.00	June 2, 2011	November 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
3776	City of Guelph	Road Rehabilitation & Drainage - various streets	Road Rehabilitation, Road Drainage improvements, watermain replacement, storm sewer and sanitary sewer repairs	\$2,175,010.51	\$8,403,903.51	May 1, 2009	December 31, 2017	Ongoing
4151	City of Windsor	Bridge Remedial work on multiple Overpasses (2011)	Remedial work on existing overpass including removal and replacement of existing expansion joint system along with the reconstruction of the concrete deck ends, partial depth concrete removal and repair to soffits, abutments, wing walls, barrier walls and pier columns as well as removal and replacement concrete median curb, and partial removal and replacement of existing asphalt pavement and water proofing membrane.	\$109,800.00	\$3,832,410.00	January 1, 2010	December 31, 2016	Yes
4178	Township of Stone Mills	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	\$108,045.90	\$1,899,630.00	May 15, 2009	December 31, 2025	Ongoing
4246	City of Pickering	Replacement of Whitevale Bridge on Whitevale Rd over West Duffins Creek	Replacement of Whitevale Bridge included both detail design and construction. Bridge is expanded and wider than original bridge in order to bring up to current standard. An additional sidewalk is included.	\$38,500.57	\$2,856,500.07	October 26, 2010	December 31, 2016	Yes
4418	City of Guelph	Bridge repairs - Speedvale Ave	Rebuilding of the existing bridge in coordination with work to replace underground services along Speedvale Ave.	\$2,565.38	\$1,000,000.00	May 1, 2011	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
4842	County of Prince Edward	Culvert Rehabilitation - Main Street Wellington	Rehabilitation of culvert under Main Street in Wellington, Ontario to ensure that the structure does not fail. Culvert is 24metres long, width 3.6m and height 1.8m.	\$7,846.55	\$2,147,000.00	November 1, 2011	December 31, 2017	Ongoing
5143	Town of Oakville	Reconstruction of Lakeshore Road	Reconstruction of Lakeshore Road West (LKSW) to an urbanized environment, with the addition of on-road cycle lanes, improved boulevard landscaping and roadside trails. The final plan remains subject to an Environmental Assessment Study that would cover LKSW from East St. to Dorval Drive. The first phase of improvement will cover LKSW from East St. to 3rd Line. Phase 2 work will cover the remaining section from 3rd Line to Dorval Drive.	\$36,220.00	\$11,533,569.00	March 1, 2010	December 31, 2017	Ongoing
5226	Town of Amherstburg	Road Reconstruction - Texas Road	Road Reconstruction - to provide safe, serviceable road pavements that maximize sustainability in future use.	\$574,000.00	\$5,726,509.00	June 30, 2011	September 30, 2016	Yes
5340	Town of Oakville	Cycleway and Sidewalk Construction	Annual program to provide in-boulevard asphalt cycle ways and concrete sidewalks along Municipal road allowances as approved in the Active Transportation Master Plan by Council in 2009. To promote the Active Transportation Master Plan and entice users to travel by alternative modes by providing an active transportation network made up of interconnected sidewalks, trails and pathways.	\$13,478.00	\$867,059.00	May 1, 2010	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
5355	City of Waterloo	Sidewalk Replacement Various	Various upgrades and improvements to sidewalks in the City of Waterloo projects 110134,120075,120090	\$212,962.00	\$1,420,575.00	June 1, 2011	December 31, 2017	Ongoing
5437	City of Brampton	Traffic Flow Improvements via Public Sector Fibre Network	To increase the traffic flow and decrease congestion throughout the major corridors of Brampton, the City has a management system inter-connected via the Public Sector Fibre Network to provide service enhancements to citizens, such as real time information on transit vehicle locations, traffic priority signaling to maintain on-time arrival of buses at stops, and Transit information Centers along major corridors.	\$11,379.60	\$1,000,000.00	June 1, 2011	December 31, 2016	Yes
5587	City of Kitchener	Surface Reconstruction - Lang Crescent & Water Street S	The work to be completed includes the replacement of the road surface, including replacement of the existing granular road base, asphalt paving, concrete curb and gutter work, concrete sidewalks and related restoration. The proposed infrastructure work will provide a smoother road, which improves fuel economy, and attractive and functional sidewalks promote walking.	\$22,200.00	\$2,424,771.00	December 31, 2007	December 31, 2016	Yes
5608	City of Brampton	Bridge Rehabilitation (2012)	Design and Rehabilitation of Bridges at 4 locations: <ul style="list-style-type: none"> 1. Countryside Drive over Humber tributary 2. Pedestrian bridge over Spring creek 3. Hurontario Street bridge near Peel Village over south Etobicoke creek 4. Tomken Road over Etobicoke creek 	\$5,527.78	\$300,000.00	January 1, 2012	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
5663	City of Niagara Falls	Road & Infrastructure improvements (2012)	Sewer separation, watermain replacement and road reconstruction	\$50,396.89	\$11,199,141.00	April 15, 2012	December 31, 2017	Ongoing
5699	Town of Cobourg	Road Resurfacing of multiple Streets (2012)	The road sections have been identified as being at a condition and time in lifecycle where resurfacing will extend the useful life of the road thereby avoiding complete reconstruction of the road at a later date.	\$163,912.22	\$950,000.00	July 1, 2012	December 31, 2016	Yes
5918	City of Windsor	Traffic Signal System Upgrade/Improvements	Traffic signal system upgrades and signal improvements at various locations throughout the city.	\$204,000.00	\$1,300,000.00	January 1, 2012	December 31, 2017	Ongoing
5923	Town of Bradford West Gwillimbury	Removal and replacement of Bridge Structures (2012)	Replacement of bridges which are in a poor state of repair. The water course beneath the bridges are subject to contamination as a result of spalling concrete and roadway runoff. Project will eliminate the spalling concrete concerns and improve drainage to ensure the roadway runoff is directed appropriately into ditches and vegetated areas prior to entering the watercourse.	\$589,467.00	\$4,797,840.67	April 1, 2012	July 31, 2017	Ongoing
5980	Town of Ajax	Road Network Improvement - Kitney Drive	Updated Class Environmental Assessment for road network improvements including the extension of Kitney Drive. Gas Tax will be used for capital costs of improving road network which will lower GHGs	\$111.43	\$1,371,309.48	June 1, 2012	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6042	Town of Milton	Urbanization of 5th Line	The reconstruction of 5th Line from Highway 401 to Louis St. Laurent will include an expansion from the existing two lane to a four lane urban cross section from Louis St. Laurent to Main Street and a two lane urban cross section from Main Street to Highway 401.	\$1,820.53	\$15,545,341.00	January 1, 2016	December 31, 2021	Ongoing
6058	Region of Niagara	Road Reconstruction (2013) (ZRC1352/ZRC0539/ZRC 0803)	The projects involve the reconstruction of urban arterial roadways. This includes widening, installation of on road dedicated bike lanes, intersection modifications to improve traffic flow and underground municipal improvements.	\$109,670.87	\$11,250,000.00	July 1, 2013	December 31, 2018	Ongoing
6069	City of Hamilton	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.	\$3,129,906.17	\$30,500,000.00	March 18, 2013	December 31, 2017	Ongoing
6070	City of Hamilton	Reconstruction and Rehabilitation of Bridge 315, Bridge 087 and Bridge 332	Rehabilitation and reconstruction of Bridge 315 Claremont, Bridge 087 Mountain Park over Sherman Access and Bridge 332 on Birch Ave. □ Project scope includes bridge replacement, construction of new piers and superstructure and associated road reconstruction.	\$1,653,464.44	\$11,000,000.00	May 13, 2013	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6135	City of Vaughan	Curb and Sidewalk Repair and Replacement	The annual curb and sidewalk repair & replacement program involves the removal and replacement of damaged sections of curbs and sidewalks, Citywide (RP-2035-15).	\$1,597,250.00	\$7,439,912.76	May 10, 2012	December 31, 2018	Ongoing
6141	City of Vaughan	PK-6330-11 Marita Payne Park Bridge Replacement	Remove & Replace deteriorating pedestrian bridges at Marita Payne Park. (PK-6330-11)	\$20,885.82	\$470,000.00	May 2, 2011	December 31, 2017	Ongoing
6164	City of Mississauga	Detailed Inspections/Design/Rehab of multiple Bridge Structures (2013)	Rehabilitation of Pedestrian Overpass at Ogden Avenue to North Service Road. Detail condition surveys and design work for 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.	\$668,539.04	\$3,260,000.00	June 17, 2013	August 31, 2018	Ongoing
6239	City of Waterloo	Various Trails Upgrade	Project 120094 120098 120091 120065 □ Various Trails Upgrades	\$149,717.00	\$2,942,039.00	January 1, 2012	December 31, 2017	Ongoing
6240	City of Waterloo	Expansion of multi-use trail network on West Side from Erb St to Erbsville Rd	Installation of new 3 m wide asphalt trail segments connecting local subdivisions, sidewalks, schools and roads to the City's active transportation network for cyclists and pedestrians.	\$7,484.00	\$632,693.00	January 1, 2012	December 31, 2017	Ongoing
6258	City of Vaughan	Resurfacing/rehabilitation of multiple Streets (2013)	Resurfacing/rehabilitation of road surface, curb, sidewalk and any necessary restoration (EN-1871-13).	\$7,747.25	\$4,781,521.00	April 1, 2013	December 29, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6343	Town of Smiths Falls	Stone Arch Bridge Structural Repairs	Gas Tax funds are used for structural repairs to the Stone Arch Structure as noted in the required biannual OSIM report. Costs incurred to date address permit and Environmental Impact Study due to in water works. Placed north abutment footing, retaining wall stabilization, barrier walls and railings.	\$161,935.38	\$2,289,600.00	September 13, 2013	July 31, 2017	Ongoing
6432	City of London	West Brouchs Bridge Major Upgrades TS1763-13	The West Brouchs Bridge had a full structural rehabilitation of a 55 year old steel trusses bridge including replacement of the deck, steel repairs and repainting and upgrades to existing lighting. Lifecycle rehab required to extend safe usage of this structure for another 25+ years.	\$2,672.49	\$2,049,578.00	March 1, 2013	July 31, 2017	Ongoing
6463	City of Guelph	Road Rehabilitation - CIP Road Upgrades (2013)	Road rehabilitation of streets within the City's downtown area. Streets to be completed in 2016 include York, Arthur, Wheeler and Simcoe. Work may also include replacement of underground infrastructure.	\$937,744.04	\$3,362,856.31	January 1, 2013	December 31, 2016	Yes
6469	City of Guelph	Road Resurfacing - asphalt replacement (2013)	Road resurfacing throughout the city to extend the life of existing roads and improve the overall service level of the network.	\$1,055,057.73	\$4,897,022.62	January 1, 2013	December 31, 2016	Yes
6529	City of Windsor	Rehabilitation of Local Rds., adding curb & gutter	Rehabilitation of roads, adding curb and gutter. Results in improvements in drainage and road through rehabilitation to a proper cross-section and proper pavement width.	\$180,000.00	\$300,000.00	May 13, 2013	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6538	Municipality of Port Hope	Molson Street Bridge Sidewalk Widening and New Sidewalk from Cavan Street to Hope Street North	The sidewalk on Molson Street Bridge is recommended to be widened 1.0 metre to provide a safe and accessible pedestrian sidewalk, and the construction of a new sidewalk from Cavan Street to Hope Street North. A qualified consultant is to be retained to design and administer the contract. It is proposed that the existing centre line be shifted 0.6 metres to the north and existing deck drains and catch basins are to be re-located. New pedestrian railings, curb and sidewalk will be installed.	\$24,504.36	\$250,000.00	May 20, 2013	December 31, 2018	Ongoing
6567	Township of Horton	Road Reconstruction Projects (2013)	Gravel Rd rehab program - gravel replacement plan of 4" of gran m starting with early McInnes and Pastway Roads. Continued in 2016 with Garden of Eden, Eady, Jim Barr and Orin Roads.	\$35,536.07	\$110,763.92	July 2, 2013	December 31, 2017	Ongoing
6568	City of St. Thomas	Third Ave Extension	This project will provide for the planning and construction to connect Third Ave to Talbot Street in the downtown area of the City. Initially a Plan of Subdivision will be implemented. This project will ultimately connect Third Ave to Talbot Street which will create a north-south road access in the downtown area of the City thereby reducing travel distances from other roads.	\$149,286.70	\$250,000.00	June 5, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6600	Town of Ajax	Bayly Street Cycling Corridor Design	Both the Town's Pedestrian and Bicycle Master Plan and the Region's Cycling Plan identify a bicycle facility along Bayly St. The project will review the most appropriate type and location for cycling facilities from Westney Rd to Salem Rd and prepare design and tender documents for the facilities. Also includes cycling facilities to connect existing multi-use trails.	\$98,840.10	\$175,628.00	May 1, 2013	December 31, 2017	Ongoing
6603	Town of Ajax	Road Network Improvements - Ajax Downtown	Environmental Assessment (EA) to review and recommend improvements to the road network in the vicinity of the Ajax Plaza and adjacent roads. The Ajax Plaza is a significant portion of the Ajax Downtown and part of the CIP. The plaza has been developed incrementally without a specific plan for vehicle and pedestrian facilities. This has resulted in areas of poor traffic flow and congestion as well as poor connections for pedestrians, in the plaza and on adjacent roads.	\$79,406.92	\$450,000.00	June 30, 2013	May 31, 2017	Ongoing
6618	Norfolk County	Big Creek Bridge & Culvert Replacement	Replacement of Big Creek Bridge, including an environmental assessment. Additionally, replacing both culverts on either side of the bridge. Bridge and road has been closed since 2007 as per structural engineers recommendations.	\$605.47	\$1,700,000.00	April 1, 2013	November 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6629	City of Owen Sound	Bridge and Culvert Annual Improvements	Rehab work on 8th Street Bridge (we need to deal with the waterproofing/membrane under the wearing surface, approaches and sidewalk and the surface cracking on the bridge surface where water and chlorides are penetrating) to prolong its life and prepare it for additional traffic when the 10th St Bridge is closed. This work should be done in 2018 before the 10th Street Bridge is closed in 2019/2020.	\$26,271.77	\$200,000.00	July 1, 2013	March 31, 2020	Ongoing
6630	City of Owen Sound	Road Reconstruction - 3rd Ave E & 8th St E	Reconstruction of 3rd Ave E (Grey Road 15) 15 - 18 St E including underlying services; road Reconstruction of 8th St E between 5th Ave and 7th Ave E including underlying services.	\$252,587.78	\$11,995,871.93	March 30, 2015	December 31, 2016	Yes
6634	City of Peterborough	Parkhill Road to City Limits Road Construction	Installation of traffic signals and left turn lanes at the intersections of Parkhill Road West and Wallis Drive, Parkhill Road West and Ravenwood Drive, Parkhill Road West and Chandler Crescent and a roundabout at Parkhill Road West and Brealey Drive	\$1,307,553.00	\$13,607,000.00	September 1, 2013	March 31, 2020	Ongoing
6715	City of Waterloo	Road Resurfacing (2013)	Asphalt Road Resurfacing including existing asphalt removal. Lexington Rd includes sidewalks and on/off road cycling connections. Park Road University to Woolwich, Country Squire Road. Lincoln Road	\$821,877.00	\$7,522,441.00	August 6, 2013	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6724	Town of Erin	Road Reconstruction Sideroad 17	Reconstruction of Rural Road, improving road geometrics, drainage, base and eventual hard surfacing	\$267,713.30	\$889,979.00	July 22, 2013	November 10, 2016	Yes
6744	City of Welland	2013 Road Resurfacing - Ontario, Plymouth, Young, Hagar	Surface removal and hot-mix asphalt overlay on Ontario Rd between King St and Southworth St. Full-depth recycling of the pavement structure and rebuilding with hot-mix asphalt on Plymouth Rd between Ontario Rd and CP Railway. Full-depth concrete road base removal and rebuilding of Young St and Hagar St with hot-mix asphalt. Work done in conjunction with sewer separation and watermain construction.	\$39,123.99	\$859,718.66	April 10, 2013	March 31, 2016	Yes
6819	City of Peterborough	Road Resurfacing (2013)	Road Resurfacing – Hot Mix Asphalt pavement.□ To provide safe, serviceable road pavements that maximizes sustainability in future use.□ Water Street – Charlotte Street to Simcoe Street □ Alexander Court – Medical Drive to Alexander Avenue□ Cricket Place – All (Cul-de-sac street)□ Maria Street – Trent Severn Canal Bridge to Rogers Street□	\$99,991.50	\$1,134,264.47	October 28, 2013	December 31, 2016	Yes
6828	Town of Aurora	Road Rehabilitation - Vandorf Sideroad	Road rehabilitation including road drainage improvements to provide safe, serviceable road pavement that maximizes sustainability in future use and to improve road drainage.	\$372,241.91	\$2,253,400.00	March 3, 2013	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6882	City of Hamilton	Replacement of Various Bridges including Bridge 163 (Centennial Parkway N), Bridge 118 (Woodburn Rd)	Replacement of various existing bridges. Bridge 450 - HWY 5/Bridge 344 - Concession 5 W/Bridge 449 - HWY 52/Bridge 088 - Mill St/Bridge 368 - King 40m e-o Elm/Bridge 322 - King St E over Kenilworth Ave. Bridge 163 - Centennial Parkway N, 540m n/o Barton St E, Bridge 118 - Woodburn Rd, 760m n/o Guyatt Rd. □	\$2,958,331.01	\$6,200,000.00	April 12, 2014	December 31, 2017	Ongoing
6883	City of Hamilton	Reconstruction and Resurfacing of Various Roads including West 5th, Centennial Pkwy & Concession St	Reconstruction and resurfacing of various local roads: West 5th - Mohawk College to Fennell, Centennial Pkwy - King to Arrowsmith & Queenston; Concession - Upper Sherman to Upper Wenworth etc. □ Scope: Road and sidewalk reconstruction and associated works; stripping existing asphalt to existing granular base; plane asphalt 40mm thick and 600ram wide. Excavate, supply and place 80ram Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement) remove median Island and repair as part of the road.	\$4,009,387.81	\$40,450,000.00	April 14, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6910	Region of Peel	Construction of Multi-Use Trails/Sidewalks/Bike lanes	Design and construction of 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. Construction of sidewalks on Derry Road – Rexwood to Highway 427 and on Dixie Road – Derry to Courtneypark. Design and implementation of a buffered bike lane on Dixie Road - Lakeshore to just south of the QEW.	\$51,217.29	\$2,103,929.00	January 1, 2013	December 31, 2017	Ongoing
6915	City of Oshawa	Project 1401 Asphalt Preservation	The Pavement Preservation program 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.	\$32,150.43	\$1,921,310.00	February 3, 2014	December 31, 2016	Yes
6939	City of Kenora	Rehabilitation Winnipeg West Branch & Keewatin Channel Bridges	This project is composed of 2 bridge projects. The concrete rehabilitation work on the Winnipeg River West Branch Bridge was completed. The design work on the Keewatin Channel Bridge was started in 2014 and will be completed in 2015. The construction work on the Keewatin Channel Bridge was completed in 2016.	\$2,540,917.55	\$3,533,416.50	June 2, 2014	December 31, 2016	Yes
6945	Region of Niagara	Reconstruction RR61 Portage Rd(ZRC0943) / RR87 Lakeshore Rd(ZRC1354)	Reconstruction of a rural and semi-rural arterial roadway to an urban arterial roadway.	\$583,946.98	\$3,150,000.00	December 9, 2014	December 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
6950	Town of Halton Hills	Road Resurfacing - Various Locations (2014)	Road resurfacing hot mix asphalt resurfacing.	\$31,450.27	\$1,326,000.00	May 14, 2014	June 29, 2017	Ongoing
6981	City of Mississauga	Cycling Infrastructure	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.	\$403,115.25	\$5,055,000.00	October 22, 2013	December 31, 2018	Ongoing
6986	City of Vaughan	Uplands Golf & Ski Centre Pedestrian Bridge Replacement	Supply and installation of a pedestrian bridge structure to replace the existing bridge (PK-6383-13).	\$3,182.25	\$117,415.00	April 1, 2013	December 29, 2017	Ongoing
7003	Town of Ajax	Resurfacing Multiple Roads (2014)	This project involved the resurfacing of several local roads within the Town of Ajax. This work included curb and sidewalk repairs, mill and overlay of asphalt surfacing, base asphalt repairs and the addition of bike lanes on Ontoro Road.□	\$23,273.81	\$733,273.81	May 5, 2014	December 30, 2016	Yes
7033	City of Kingston	Rehabilitation of Front Road Bridge	This upgrade refurbished and replaced the deck of the Front Road Bridge carrying the road over Cataraqui Creek, with a clear span of 13.5m. The construction widened the deck to 20.6m to accommodate pedestrian and cycling facilities on both sides while maintaining 4 lanes of vehicular traffic.□	\$1,000,259.50	\$4,597,225.00	June 1, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7092	City of Thunder Bay	Bridge & Culvert Rehabilitation (2014)	Rehabilitation and replacement of bridges and culverts including Boulevard Lake Dam, Briarwood Drive culvert, High Street retaining wall and miscellaneous bridge repairs.	\$28,433.53	\$3,860,000.00	January 1, 2014	May 14, 2018	Ongoing
7093	City of Thunder Bay	2014 Pavement Reconstruction and Rehabilitation	Rehabilitation and reconstruction of various streets including Arthur Street, Begin Street, Brown Street, Cornwall Street, Edward Street, Leslie Avenue, Lithium Drive and railway crossing upgrade.	\$13,100.09	\$3,456,826.00	March 4, 2014	May 14, 2018	Ongoing
7106	City of London	Design & Construction of Thames Valley Parkway South Branch	The Thames Valley Parkway (TVP) is a city-wide continuous trail that is used for pedestrians/walking, cycling, rollerblading etc. and meets OADA requirements for accessibility. This project is for the detailed design/construction of the Kiwanis Park CNR Crossing & pathway connections south of Trafalgar Street. Works also include construction of Gore Road underpass in the Kiwanis Park (TVP South Branch) (PD2135-13 & PD2135-14).	\$368,375.83	\$885,311.00	May 9, 2013	June 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7176	City of Belleville	Rehabilitation of Baybridge Road CPR Overhead Bridge	The Baybridge Road CPR Overhead Bridge is the City's highest priority bridge structure for rehabilitation. An environmental assessment was completed in 2012 that identified the bridge to be replaced with a new bridge on a new alignment requiring relocation of the intersection with Dundas St W. Federal Gas Tax funded portion of the project is for the Bridge construction. The City of Belleville has dedicated funding for the road and intersection portion of the project.	\$6,593,124.23	\$10,600,000.00	January 1, 2013	June 30, 2017	Ongoing
7178	Town of Cobourg	Tweed and Forth Street Reconstruction	Road reconstruction with storm sewers and sidewalks, replacement of water and sanitary sewer service. This will continue our program of urbanization of streets within our downtown core.	\$47,172.61	\$1,130,000.00	May 1, 2014	June 30, 2016	Yes
7194	Town of Innisfil	Road Surfacing 2014 - Gravel to Asphalt	Road Surfacing – Upgrading to hardtop asphalt surfacing of gravel roads. Hard surfaced roads provide safe and serviceable structures that maximize sustainability for future use. Road Resurfacing – Hot Mix Asphalt pavement to provide safe and serviceable road pavement that maximize sustainability for future use. These projects improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and water.	\$250,025.77	\$2,758,460.00	June 2, 2014	September 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7199	Town of Whitby	Road Reconstruction of Peel St between Dunlop and Ontario (2014)	Road reconstruction - hot mix asphalt pavement. To provide safe, serviceable road pavements that maximize sustainability in future use.	\$778.57	\$1,517,513.00	May 1, 2014	December 31, 2016	Yes
7201	City of Niagara Falls	Road Reconstruction - Brown Rd & Heartland Rd	Surface reconstruction of Brown Road and Heartland Road for access to new Transit Building.	\$4,461.26	\$1,630,000.00	June 16, 2014	December 31, 2016	Yes
7220	Township of Drummond/North Elmsley	2014 Road Reconstruction Coutts Bay Rd & 7th Conc.	Redesigning and reconstructing existing roadways including a geotechnical investigation, topographical survey, culvert replacement, regrading ditches, pulverizing existing asphalt, regrading roadway and driveways with new granular material and paving with new asphalt surface.	\$10,000.00	\$1,443,237.41	January 1, 2014	November 30, 2016	Yes
7221	Township of Drummond/North Elmsley	2014 Bridge Replacement - Armstrong & Buttermilk Bridges	Prepare tender documents to re-design and replace/upgrade existing bridge structures including a geotechnical investigation, topographic survey, re-grade roadway approaches, □ upgrade approach guard-rails, inspection and construction costs (equipment, labour and materials) □	\$9,158.00	\$1,000,000.00	May 1, 2014	December 31, 2022	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7225	County of Prince Edward	Road Rehabilitation (2014) - County Rds 1 & 8, Crowes Rd	Rehabilitation of the existing pavement for 3 County Roads to include drainage improvements where required. The total length of roads to be rehabilitated is 9.9kms and includes segments of County Road 1, County Road 8 and Crowes Road. The roads have a condition rating of 1 (poorest condition). 2015 expenditures were for County Road 1, County Road 8 Crowes Road were complete in 2014.	\$523,391.18	\$3,840,000.00	June 2, 2014	December 31, 2017	Ongoing
7226	County of Prince Edward	Bridge Replacement (2014) - County Rd 17 & Allisonville	Replacement of an existing bridge (Allisonville Bridge) and an existing box culvert crossing (County Road 17). The bridge does not comply with bridge code requirements for highway loadings and the culvert structure is badly deteriorated and lacks proper protective safety barriers..	\$1,107,031.91	\$1,469,953.50	July 2, 2014	December 31, 2016	Yes
7239	City of Kitchener	Construction of Margaret Avenue Bridge	This bridge has been closed since June 2013 due to a structural engineering report suggesting that the bridge could suddenly fail due to it's design. The bridge has since been demolished, and the City is working to design and build a new bridge, as this is a vital commuter route.	\$731,112.00	\$6,410,473.00	June 2, 2014	December 29, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7257	City of London	Rehabilitation of multiple Main Streets (2014) TS1446-14	Repair and resurfacing of main roads (arterial, primary collectors, expressway and freeways). These roads represent 1,500 lane-km of total 3,500 lane-km of the overall road network. Measures to maintain the road infrastructure range from milling and paving to complete reconstruction.	\$251,106.80	\$10,770,885.00	May 1, 2014	August 31, 2017	Ongoing
7258	City of London	Major Structural Repairs to multiple Bridges (2014) TS1763-14&15	Rehabilitation of the Highbury Ave Bridge over CN Rail Bridge and the Veterans Memorial Parkway Bridge included replacement of expansion joints, repairs to the concrete deck, waterproof and re-pave bridge deck, bearing replacement end repairs to the substructure elements including pier columns, pier caps and abutments. Rehabilitation of the Vauxhall Bridge included approach slabs and expansion joints. The rehabilitation will extend the life of the bridge structures.	\$141,887.84	\$5,418,918.00	March 1, 2014	December 31, 2017	Ongoing
7268	City of Kitchener	Structural Rehabilitation - Pioneer Drive Bridge	Based on OSIM 2012 observations and following field inspections and recommendations, it was determined that Pioneer Drive bridge structural rehabilitation was required. Items to be repaired are girder ends, and conversion to semi-integral abutment details, replace sidewalk, parapet walls and railings, repave and waterproof asphalt wearing surface.	\$86,757.00	\$707,030.21	May 1, 2015	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7306	Town of Penetanguishene	Road Reconstruction - Champlain Road	The project involves road reconstruction, resurfacing and drainage improvements.□ Champlain Road Phase 1 - Robb's Rd to Robert St. West□ 2 - Military Rd to Town limits□ 3 - Beechcroft Rd to Military Rd□ 4 - Robb's Rd to Beechcroft Rd	\$503,047.69	\$3,304,590.49	July 1, 2014	October 31, 2017	Ongoing
7315	Town of Orangeville	Trail Construction - Bythia to Centre St	Construction of approximately 160 x 2.5 m of new trail between the Senior Centre (Bythia St.) to the Community Garden (Centre St.)	\$2,673.37	\$95,000.00	June 27, 2013	December 31, 2016	Yes
7344	City of Stratford	Road Reconstruction – Dufferin/Nile/Strachan Sts.	The reconstruction of Dufferin Street from Oak Street to Walnut Street/ Nile Street from Shakespeare Street to Douro Street/ Reconstruction of Strachan Street from Brydges Street to West Gore Street (asphalt, sidewalks, curbs, sanitary, storm and water systems) to provide new, safe, serviceable infrastructure that maximizes sustainability in the future.	\$30,246.31	\$1,745,000.00	August 4, 2014	December 31, 2017	Ongoing
7348	City of Stratford	Bridge and Culvert Improvements 2014	The rehabilitation or replacement of various bridges and culverts in the City that have been identified for immediate works in the latest Structure Appraisal Study completed for the City of Stratford	\$147,000.00	\$1,150,000.00	June 10, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7351	Township of Horton	Thomson Road Rehabilitation	Road and structure rehabilitation, including engineering drawings, tender packages, replacement of cross road culverts, grind the asphalt surface, bed upgrades, add a lift of granular and resurface with Hot Mix Asphalt.	\$99,688.00	\$783,618.08	January 2, 2014	December 31, 2017	Ongoing
7360	City of Burlington	Townsend Area Reconstruction	Townsend Ave is a Collector Road with a high volume of school pedestrian traffic and non standard pedestrian facilities and drainage. This road reconstruction project will provide improved drainage and introduction of curbs and sidewalks to be meet urban standards.	\$1,842,789.00	\$2,994,180.00	February 1, 2014	December 31, 2016	Yes
7414	City of Brantford	Garden Avenue Bridge Rehabilitation (2014)	Project to initiate rehabilitation/remediation activities on the Garden Avenue Bridge as a result of 2013/2014 monitoring activities (BR1202). Report to Council (PW2012-040) in September 2012 identified the need for monitoring and possible future repairs depending on the results of the monitoring program.	\$12,439.62	\$250,000.00	April 1, 2014	December 31, 2017	Ongoing
7418	Town of Newmarket	Reconstruction - Srigley & Second Sts.	Roads Needs Study has identified the street as deteriorated and deficient requiring reconstruction. Will provide a safer roadway with curbs to separate pedestrians from vehicular traffic, a storm sewer to improve/eliminate drainage concerns, sidewalk construction for pedestrian safety, and will reduce annual maintenance costs.	\$405,024.62	\$3,300,000.00	June 1, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7436	Town of Essex	Culvert Reconstruction (2014)	Engineering and Reconstruction of culverts 101501, 101502 and 101503, located on Brush Road.	\$617,029.00	\$805,000.00	January 1, 2014	December 31, 2017	Ongoing
7440	City of Windsor	Bridge Rehabilitation - 2014 Various	Maintenance and rehabilitation of existing bridges throughout the city.	\$3,766,752.00	\$9,020,679.00	June 6, 2014	December 31, 2017	Ongoing
7443	City of Windsor	Road Reconstruction & Rehabilitation - 2014 Various	Road reconstruction on a number of various city streets. □ Milling and resurfacing of local roads on Tecumseh Road and Wyandotte Street	\$9,810,500.00	\$30,798,842.00	June 6, 2014	December 31, 2017	Ongoing
7447	Municipality of Chatham-Kent	Bridge Rehabilitation 2014	This project includes the complete removal of an existing structure Base Line Bridge over Little Bear Creek (Prangley) (circa 1956) and replacement with a new structure. Replacement of this structure and all other structures will ensure the integrity of these water crossings for years to come.	\$6,860.40	\$3,670,751.82	June 6, 2014	December 31, 2016	Yes
7476	Town of Milton	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. As a result, it was listed as a "Now" need in the Town's 2014 'State of the Infrastructure-Roads Study', and is being reconstructed. Because of a Ministry of Transportation overpass project, the reconstruction will occur in phases through 2019.	\$752,855.31	\$2,963,776.18	July 1, 2014	December 30, 2020	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7482	County of Wellington	Bridge & Culvert Rehabilitation (2014)	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 12086 & 12087	\$728,298.93	\$6,300,000.00	February 3, 2014	December 30, 2021	Ongoing
7495	City of Kitchener	Sidewalks on Bridge St & Highland Rd	Both Bridge St and Highland Rd are Regional roads, on which the city owns the sidewalks and the underground infrastructure. As part of the Region's planned roadwork, these two streets are expected to be repaired and as such, the city is required to replace the sidewalks due to age and condition, as well as underground storm and water pipes.	\$100,000.00	\$1,249,798.00	April 1, 2014	September 30, 2016	Yes
7502	City of Brampton	Bridge Repairs - 124230	Miscellaneous bridge repairs selected from Bridge Inventory Management Program. The bridge repairs program is required to maintain bridges to minimum standards. Ongoing bridge maintenance and rehabilitation will result in extended asset life.	\$45,925.39	\$740,900.00	January 1, 2012	December 31, 2017	Ongoing
7505	City of Brampton	Humberwest Parkway Widening (Airport Road / Williams Pkwy / Castlemore Road) - 143380	To alleviate traffic congestion due to development growth.	\$9,718.10	\$4,900,000.00	January 1, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7509	City of Brampton	Castlemore Road Widening - 143770	To alleviate traffic congestion due to growth. To provide the needed east west route (4-5 lanes - 1300m). Includes culvert upgrade.	\$136,073.15	\$4,000,000.00	January 1, 2014	December 31, 2017	Ongoing
7513	City of Brampton	Bridge Repairs - 144230	Miscellaneous bridge repairs selected from the Bridge Inventory Management Program. The bridge repairs program is required to maintain bridges to minimum standards. Ongoing bridge maintenance and rehabilitation will result in extended asset life.	\$1,431,752.39	\$2,823,000.00	January 1, 2014	December 31, 2018	Ongoing
7538	Town of Aurora	Road Reconstruction - Elderberry Trail & Bluegrass Drive	Full depth asphalt road reconstruction using the pulverized existing asphalt as a road base to support the new asphalt surface. The construction of a new, paved shoulder on Elderberry Trail to serve as a joint-use pathway for pedestrians and bicycles. The construction of a new, paved shoulder on Steeplechase to serve as a joint-use pathway for pedestrians and bicycles.	\$230,510.44	\$3,706,300.00	May 1, 2014	December 29, 2017	Ongoing
7603	Town of Gravenhurst	Rehabilitation of Peninsula Road with Improved Drainage	In situ road base pulverization and stabilization with an expanded asphalt double surface treatment and road drainage and base improvements. Project will also include the replacement of 15 culverts and strategic brushing & ditching work.	\$256,886.55	\$1,018,500.00	April 1, 2014	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7638	Township of King	Urbanization of Church Street - Rebellion Way to Main	This project was identified as a growth related project within the village core of Schomberg. As a multi-year project, engineering design was followed by project planning that included various technical studies, survey, etc. to support full urbanization of Church Street to urban standards that included a combination road surface reconstruction, new and/or replacement of sidewalks, street lights, water, wastewater and storm sewers.	\$604,992.97	\$5,500,000.00	January 1, 2014	March 31, 2017	Ongoing
7642	City of Orillia	Coldwater Road- Reconstruction and Widening (2014/5)	The project will reconstruct and widen Coldwater Road from West Street to 200 m east of Collegiate Street. The project will increase the capacity of the road, decrease congestion and reduce vehicle delay.	\$150,000.00	\$6,732,000.00	February 1, 2013	October 31, 2018	Ongoing
7649	Town of Georgina	Station Road & Ice Palace Sidewalk Construction	Sidewalk construction at Station Road and safe pedestrian sidewalk at Ice palace for Pedestrians	\$383,264.13	\$672,120.00	January 1, 2014	December 31, 2017	Ongoing
7731	Town of Ajax	Resurfacing Multiple Roads (2015)	Resurfacing of several local roads within the Town of Ajax including curb and sidewalk repairs, mill and overlay of asphalt surfacing, base asphalt repairs. This project will also involve the reinstallation of bike lanes.	\$49,302.91	\$1,724,031.36	April 13, 2015	December 31, 2016	Yes
7734	Town of Ajax	Extension of Carruthers Trail to connect to Alexander's Crossing	Design and construction of a new section of the Carruthers Trail to connect at Kingston Road and Alexander's Crossing.	\$35,431.87	\$275,000.00	February 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7735	Town of Ajax	Bike Lanes and Off Road Cycle Track on Harwood Avenue	New on road bicycle lanes and off road cycle track on Harwood Avenue from Lake Driveway to Westney Road.	\$527,614.65	\$1,122,960.00	February 2, 2015	December 30, 2018	Ongoing
7759	Town of South Bruce Peninsula	Rehabilitation of Lakeshore Blvd North & Mapleport Cresc.	Rehabilitation of Lakeshore Boulevard North and Mapleport Crescent in Sauble Beach, Ontario	\$170,882.30	\$1,131,377.00	May 1, 2014	December 31, 2017	Ongoing
7761	Town of South Bruce Peninsula	Rehabilitation of Beech St & Rankin Bridge Rd	Beech Street from County Road 9 to Water Street □ Rankin Bridge Road from Redgate Road to Sideroad 15	\$18,662.78	\$261,400.00	July 30, 2015	December 31, 2016	Yes
7767	City of Markham	Cycling & Trails - Thornhill/Milliken	The construction of the multi-use trail from Toogood Pond to Bob Hunter Memorial Park through the Rouge River valleys and the Milne Conservation Park. The work includes the construction of limestone and asphalt trail, boardwalk and pedestrian bridges.	\$524,797.73	\$13,200,000.00	January 1, 2014	December 31, 2019	Ongoing
7781	City of Windsor	Sidewalk Rehabilitation - 2014	This project covers the rehabilitation of existing concrete sidewalks throughout the City. Allocating funding towards this project initiative will not only reduce additional liability claims the City is faced with but will also improve active transportation infrastructure.	\$1,098,000.00	\$3,678,744.00	January 1, 2014	December 31, 2017	Ongoing
7852	City of Woodstock	Cycling Lanes - Springbank Avenue	Install Cycling Lanes on the balance of Springbank Avenue to provide more outdoor recreation opportunities.	\$10,328.34	\$88,000.00	May 1, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7854	Township of Centre Wellington	Full Street Reconstruction - Queen St.	This project is a full urban street reconstruction. Deteriorated sewer, water main, 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. Gas tax and total project cost estimate provided are only for the road portion of the project.	\$6,996.79	\$336,359.00	January 1, 2015	September 30, 2016	Yes
7856	Township of Centre Wellington	Full Street Reconstruction - Chalmers & Price Streets	This project is a full urban street reconstruction. Deteriorated sewer, water main, 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. Gas tax and total project cost estimate provided are only for the road portion of the project.	\$487,572.73	\$930,000.00	January 1, 2015	November 30, 2017	Ongoing
7876	Town of Tillsonburg	Reconstruction of Camden Court	Reconstruction of Camden Court, water, sewer, storm components included as well.	\$79,100.00	\$202,746.14	June 1, 2015	December 31, 2016	Yes
7908	City of Mississauga	Applewood Creek Crossing Improvement - Culvert PN#11131	The Applewood Creek culvert crossing Lakeshore Road East was identified as approaching the end of its service life and scheduled for replacement. A twin cell culvert arrangement was proposed for the widening of the Applewood Creek crossing, along with lowering and reconstructing the channel bed upstream and downstream of the culvert.	\$75,885.31	\$700,000.00	January 1, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7927	City of Mississauga	Bridge and Structure Rehabilitation	Various Bridge Rehabilitation Projects including the following: CNR Rail (Metrolinx) Goreway Drive Glen Erin Drive over Pedestrian Trail Dundas Street E over Little Etobicoke Creek □	\$550,440.82	\$18,985,000.00	January 1, 2014	March 31, 2028	Ongoing
7928	City of Mississauga	Road Rehabilitation 2014	Rehabilitation of various existing roadways. The project involves the restoration and rehabilitation of existing assets in order to extend the asset lifespan. It also incorporates significant quantities of recycled and reclaimed materials.	\$190,123.23	\$24,986,000.00	January 1, 2014	December 31, 2028	Ongoing
7938	Town of Milton	Road Resurfacing of Multiple Streets 2015-2018	The 2017 work in the Roads Resurfacing Project will include an asphalt overlay process to be applied to Hemlock Drive, McNabb Crescent, Parkway Drive, Thomas Street, Wilson Drive, Laurier Avenue, Valleyview Crescent, Ontario Street, Chisholm Drive, and Anderson Avenue. It will also include an expanded asphalt process applied to Sixth Line (from Lower Baseline West to Town limits) and Lower Baseline East (from Trafalgar to Highway 407).	\$819,890.00	\$12,772,590.00	January 5, 2015	December 31, 2020	Ongoing
7948	Town of New Tecumseth	Audible Pedestrian Signals	Study & design & equipment costs to install (2) Audible Pedestrian Signals - one in each of the communities of Alliston and Tottenham. The installation will be completed in 2016, however additional inspection and administration fees have been incurred in early 2017. The project will be closed out in 2017.	\$16,335.71	\$127,285.51	March 14, 2014	February 28, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7949	Township of Machar	Resurfacing and Rehabilitation of Park Road	Resurfacing will commence on Park Road South in the summer of 2015 starting with the southern more traveled portion off Machar/Strong Boundary Road and finishing in 2016 with the northern portion off Eagle Lake Road.□ The current surface will be removed and replaced with a double surface treatment.	\$56,124.28	\$250,000.00	January 1, 2015	December 31, 2016	Yes
7950	Township of South-West Oxford	Karn Road Reconstruction	2015-The project includes pulverizing existing asphalt, widening platform of road, re-ditching, replacing culverts, adding aggregate and repaving.□ 2016-The project continued to complete the full length of Karn Road from outside of the Town of Ingersoll to County Road 6. 2016 went from Church Line to the Town limits of Ingersoll to pulverize existing asphalt, widening platforms of road, reditching, replace culverts and add aggregate and repave.	\$247,892.92	\$453,259.00	July 2, 2015	December 31, 2016	Yes
7959	Township of Brock	Culvert #354 Replacement	This project includes the replacement of the aging culvert #354 structure on Thorah sideroad 1.2 Km North of Concession 10, Thorah. The project includes the replacement of the culvert, stream upgrades and resurfacing the roadway in the vicinity of the culvert.	\$97,000.00	\$313,500.00	March 17, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
7998	City of Mississauga	Bridge and Structure Rehabilitation 2015	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.	\$101,170.64	\$5,500,000.00	January 1, 2015	December 31, 2021	Ongoing
8047	County of Prince Edward	Road Rehabilitation (2015) - Union Rd	Existing section of road does not meet current design standards. This road has a condition rating of 1 in the County Roads Needs List and is at risk of closure.	\$311,023.41	\$800,000.00	March 24, 2015	December 31, 2016	Yes
8097	Town of Cobourg	Sidewalk Extension Program	Construction of sidewalks on the West side of William Street from University Ave West south to King Street West. There were no sidewalks in this location prior to this project.	\$15,694.96	\$150,000.00	November 3, 2014	December 31, 2017	Ongoing
8102	Town of Innisfil	Road Resurfacing - 2015	Road Resurfacing – Hot Mix Asphalt pavement to provide safe and serviceable road pavement that maximize sustainability for future use. These projects improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and water.	\$207,884.44	\$2,251,712.00	April 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8112	City of Oshawa	Replacement of Pedestrian Bridges	In accordance with the Bridges Act and Ontario Structure Inspection Manual, biennial appraisals are conducted by an engineering consultant on all municipal structures. The following structures have been identified as being deficient and in need of replacement: Harmony Creek Pedestrian Crossing (2006A), Oshawa Creek Pedestrian Crossing (2054A), Oshawa Creek Pedestrian Crossing (2016A) and Harmony Creek Pedestrian Crossing (8B). This project is required to replace these structures.	\$314,226.10	\$390,000.00	January 1, 2015	December 31, 2017	Ongoing
8119	Municipality of Powassan	2015 Road Resurfacing- Valley View Dr E, McCarthy St., Golf Course Road	Following our 10 year Capital Road Improvement Plan we are doing the following in 2015: a) McCarthy Street from Morrison St to Hwy 522 (0.42 km). Pulverize, 50mm Granular A, Double Surface Treatment; b) Golf Course Road from Hwy 11 east (0.2 km) 300 mm Grade Raise and 50 mm Hot Mix; c) Valley View Dr. E from East Powassan limit to Memorial Park Drive (0.6 km) Reconstruction, excavation and backfill. d) Hemlock Road portion. Total length of the three road resurfacing projects is 1.22 kilometres.	\$105,238.19	\$415,000.00	March 27, 2015	December 30, 2016	Yes
8140	City of Oshawa	Project 1563 Trail Reconstruction 15-3571-9	Reconstruction of Joseph Kolodzie Bike Path and Harmony Creek Trail.	\$23,781.36	\$200,000.00	January 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8141	City of Oshawa	Project 1501 Asphalt Preservation 15-2915-1-0 & 1-1	Includes the removal and resurfacing of existing asphalt and the rehabilitation of deficient curb, gutter and sidewalk in order to extend the lifetime of roads.	\$1,860,163.13	\$4,964,000.00	January 1, 2015	December 31, 2017	Ongoing
8143	City of Oshawa	Cycling Routes along Various City Locations 15-5536-3	New cycling routes throughout the City of Oshawa. This project is required to implement on-road cycling routes and cycling lanes as identified in the City's Active Transportation Network Plan.	\$30,374.66	\$50,000.00	January 1, 2015	December 31, 2016	Yes
8144	City of Oshawa	2015 Sidewalk Program (Project 1512)	Install sidewalks and sidewalk ramps at various locations throughout the City of Oshawa (15-5009-1 & 15-1929-1).	\$46,735.93	\$166,000.00	January 1, 2015	December 31, 2017	Ongoing
8150	City of Peterborough	Trans Canada Trail - Lansdowne to Technology Dr.	This project facilitates the TransCanada Trail (TCT), Lansdowne St. E. to Technology Dr. connection for the TCT into the City.	\$73,099.19	\$292,099.19	April 1, 2015	December 31, 2016	Yes
8152	City of Kingston	Reconstruction of Yonge St. and Ellerbeck St.	A full reconstruction of these streets totaling approximately 1400m in length, replaced sewers with separated storm and sanitary sewers. Sidewalks and transit stops were replaced and upgraded for increased accessibility.□	\$1,351,703.37	\$6,145,398.00	January 1, 2015	December 31, 2016	Yes
8160	Region of Waterloo	2015 Road Resurfacing and Reconstruction Projects	Regional road sections that are planned for rehabilitation in 2015, including Rural Resurfacing projects #6258, 6118, 6133, 5667, 6135, 5677, 6135, 5677 Urban Resurfacing projects #6111, Reconstruction projects # 5382, 5190, 5404, 6353.	\$266,704.00	\$12,131,727.00	July 2, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8184	County of Peterborough	Rehabilitation of CR 4, CR 18 and CR 36	CR 4 - 1.5km - pavement and drainage issues along road corridor. Reconstruction of semi-urban to urban section c/w curbs, sidewalks and storm sewers, incl. excavation, granulars to increase GBE strength & 40mm HMA overlay. CR 18 – 6.7 km, CR 20 to CR 23, involves application of a scratch and surface coat of microsurface on existing asphalt. CR 36 – 3.0 km length, Volturno Creek Box Culvert to Nogies Creek Bridge, involves recycling of existing asphalt to increase GBE strength & 90mm HMA overlay.	\$307,431.47	\$2,376,210.00	May 1, 2015	December 31, 2016	Yes
8187	Town of Richmond Hill	2014 Sidewalks & Trails Program	The 2014 sidewalks and trails program implements the recommendations of Richmond Hill's Pedestrian & Cycling Masterplan to construct safe routes for cyclists and pedestrians and to develop connections for people to access local amenities by means other than car.	\$181,721.00	\$1,513,500.00	January 1, 2014	December 31, 2017	Ongoing
8188	Town of Richmond Hill	2014 Culvert Program	The 2014 Culvert Program involves replacement/relining of two aging culverts in Richmond Hill to better improve management of the Town's water resources.	\$36,030.00	\$250,800.00	January 1, 2014	December 31, 2017	Ongoing
8196	City of Vaughan	Maple Airport Open Space Pedestrian Bridge Replacement	Design and construction to upgrade the pedestrian bridge located in Maple Airport Open space (PK-6475-14).	\$1,245.80	\$95,002.00	March 3, 2014	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8197	City of Brantford	North Park St (Dundas to Charing Cross) Ph2 (2015)	Full road resurfacing and watermain replacement on North Park St (Dundas St to Charing Cross St), a total project length of approximately 877 linear metres. 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 150mm. There has been 1 recorded break since 2003 and 2 prior to 2003. DESIGN ONLY IN 2015	\$10,864.76	\$249,000.29	April 1, 2015	December 31, 2018	Ongoing
8202	City of Vaughan	Pinegrove Pedestrian Bridge Rehabilitation	Rehabilitation includes design and reconstruction of the pedestrian bridge in Pinegrove park area of the City (PK-6480-14).	\$7,157.51	\$177,905.00	March 31, 2014	December 31, 2017	Ongoing
8212	City of Brantford	Allenby Ave (Erie Ave to Webling St) (2015)	Road and sidewalk component of the full corridor reconstruction of Allenby Avenue from Erie Avenue to Webling Street. The road was constructed in 1967 and has not been resurfaced to date. That, combined with the age of the underground infrastructure and the imminent need for replacement of the sidewalks made it prudent to coordinate the full corridor reconstruction at this time.	\$66,647.04	\$1,107,350.00	April 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8214	City of Brockville	Replacement of traffic controllers (2015-2019)	Ongoing replacement program-replace 2 traffic controllers per year. □ Provide safe walking and driving conditions at intersections requiring signalized traffic control. Replacement of 2 of the 28 controllers each year provides for a reasonable life cycle for the controllers and a reasonable expectation of availability of technical support and parts. □	\$27,910.64	\$86,662.49	January 1, 2015	December 31, 2019	Ongoing
8216	City of Brantford	Henry St (Harris Ave to Freeborn Ave) (2015)	Road resurfacing and restoration on Henry Street from Harris Avenue to Freeborn Street plus intersection improvements. The total length of the project is approximately 174 linear metres. The road base was constructed in 1974 and the road segments have a PCI rating of 26. Since 2003, there have been 44 work orders generated pertaining to cracks or pot holes.	\$610.55	\$939,420.00	April 1, 2015	December 31, 2017	Ongoing
8220	City of Vaughan	Clarence Street Slope Stabilization & Revitalization	Due to saturated ground conditions exacerbated by heavy rains there is a need to stabilize and revitalize the gabion basket retaining wall. The retaining wall will be redesigned based on surveys and geotechnical investigations and reconstructed (EN-1950-13).	\$42,056.35	\$100,000.00	March 30, 2015	December 28, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8222	City of Brantford	William St (Bedford St to Richmond St) (2015)	Road reconstruction portion of the full corridor reconstruction of the road, water, sanitary and storm infrastructure on William St from Bedford St to Richmond St - a total length of approximately 600 linear metres - necessitated by the poor condition of the roads and wastewater sewers. The road base was constructed in 1974, has a PCI rating of 57, and, since 2003 has seen 47 work orders for cracks and pot holes. The wastewater sewers were constructed more than 100 years ago.	\$233,626.25	\$1,514,696.00	April 1, 2015	December 31, 2017	Ongoing
8225	City of Brockville	Bridge rehabilitation projects - 2015	Bridge Repairs or Replacements are identified during Biennial inspections performed by a structural engineer. □ Perth Street Bridge is required to have the traffic barrier system replaced, improvements on erosion control as well as deck drainage extensions. □ Kingston Bridge is required to have the expansion joint seals replaced. □	\$103,128.14	\$185,000.00	January 1, 2015	August 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8236	City of Hamilton	Rehabilitation of Bridge 275 on York Blvd 105m n/o Valley Inn Rd	Installation of long term heavy duty siltation control fencing. Removal of railing system and concrete post. Scarification - 40mm of existing concrete bridge deck (partial depth removal). Removal of delaminated or spalled concrete hand from concrete deck after scarification. Constructing of concrete post and parapet wall. Reconstructing retaining wall of proposed bridge works, including railing, curbs and all restoration. Removing existing wooden railing and installing decorative railing.	\$3,046,867.13	\$7,000,000.00	January 1, 2015	January 1, 2018	Ongoing
8238	City of Hamilton	Reconstruction and Resurfacing of Various Roads including Greenhill Ave, Rymal Rd & Melvin Ave	Reconstruction and resurfacing of various local roads (Greenhill - Mount Albion to Summercres, 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 (120mm deep) and plane asphalt 25mm thick and 600mm wide. Supply and place surface course asphalt, superpave 9.5 (Traffic Category C), PG 64-28 asphalt cement, 40mm thick. □	\$1,188,729.61	\$10,000,000.00	January 1, 2015	January 1, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8288	Town of Tecumseh	Sullivan Creek Bridge Replacement & Pike Creek Bridge Rehab	Rehabilitation of Pike Creek Drain Bridge (#1002) at 12th Conc. and replacement of Sullivan Creek Drain Bridge (#1006) at Baseline Rd. with Baseline Rd reconstruction and relocation of the 10th Concession Drain. Combining these elements results in several efficiencies including; one road closure instead of three, reconfigured horizontal geometrics of Baseline Rd at the Sullivan Creek Drain Bridge reducing the length of the bridge and proper gravel shoulders on Baseline Rd.	\$1,155,213.56	\$2,553,078.57	April 1, 2015	December 31, 2016	Yes
8290	City of Vaughan	Don River & Bartley Smith Trail Development	Includes development of design and construction of Bartley Smith Trail (PK-6094-13).	\$13,405.12	\$172,500.00	December 31, 2014	December 31, 2018	Ongoing
8291	City of Vaughan	Repairs & Replacement to various Pedestrian Bridges (2015)	Replacement and major repairs to pedestrian bridge components including abutments, decks and railings etc. that have reached end of life cycle. Multiple locations (Maple Airport Bridge, Keffer Marsh Bridge, Upland Bridge). (PK-6388-14)□	\$6,919.69	\$247,250.00	December 31, 2015	December 31, 2019	Ongoing
8326	County of Wellington	Bridge Rehabilitation in multiple Locations (2015)	All of the 2015 bridge works contained within this project will be rehabilitated. The scope of the work includes concrete deck repairs, waterproofing, paving, parapet wall replacement, guide rail improvements and replacing pedestrian access (sidewalk).	\$571,281.78	\$4,042,864.83	January 2, 2015	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8333	United Counties of Leeds & Grenville	Rehabilitation County Road 44	Work on County Road 44 will be a full rehabilitation. Work will include drainage, granular material, road widening, hot mix paving, shouldering, and guiderail.	\$196,113.20	\$1,741,867.67	July 15, 2015	August 31, 2016	Yes
8348	Township of West Lincoln	Guard Rail Replacement	This is an ongoing bridge betterment program to replace required guardrails on bridges. The 2013 Bridge inspection program identified several bridges that require upgrading guardrails and end treatments. \$ 83,300, 130,000 & 98,100 are the respective annual gas tax fund budgeted.	\$80,304.16	\$165,519.97	January 1, 2015	December 31, 2017	Ongoing
8352	Municipality of Middlesex Centre	Heatly Bridge B306	The subject project involves the rehabilitation of the Heatly Road Bridge B-306 including deck replacement in accordance with the 2011 Summary of Structures Inventory Inspections Report.	\$404,345.60	\$730,000.00	May 1, 2015	December 31, 2016	Yes
8355	Township of Tiny	Concession 13W & Ellery Sideroad Reconstruction	Road reconstructions with the addition of a 50mm asphalt overlay on Concession 13W (2.170km) and Double Surface Treatment (DST) for Ellery Sideroad (2.1km)	\$109,381.00	\$351,355.60	May 4, 2015	June 20, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8357	Township of Tiny	Davy Lane Erosion Control	<p>Davy Lane has experienced significant slope erosion and failure of the existing road base to the point that the road is unsuitable for large vehicles, including plows and municipal services. □</p> <p>In conjunction with the road rehabilitation and stabilization works, the addition of 50m of single rail steel beam guiderails will assist the slopes to become stabilized, controlled and stable. Plantings and fabric will also be installed on the slopes to assist in the stabilization.□</p>	\$14,785.00	\$331,920.00	May 4, 2015	May 16, 2016	Yes
8358	Township of Ignace	Resurfacing of Pine Street and Lakeshore Drive (2014)	<p>The asphalt was pulverized and removed along with unsuitable base and subgrade material. Granular B and granular A were added to rebuild the base to achieve new longitudinal grades and improve crossfall. Catch basins and storm sewers were added to improve drainage. Besides the two lanes, swales were paved to reduce runoff infiltration into the base material.□</p> <p>□</p> <p>These projects was completed in 2011. Gas tax funds are being used to help pay the debt the Township incurred for the project.</p>	\$73,089.26	\$3,873,130.52	May 31, 2010	September 1, 2025	Ongoing
8387	Haldimand County	Surface Treatment of Gravel Roads (2015)	<p>This program is for the conversion of road sections from gravel. The scope includes drainage works, granular base improvements and surface treatment.</p>	\$1,289,772.02	\$2,296,400.00	May 4, 2015	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8392	Town of Smiths Falls	Rehabilitation of Pedestrian Structures around Rideau River Basin	Due to flooding of the Rideau River basin, structures and spillway areas were damaged. Replacement and rehabilitation of pedestrian structures and spillway are required for safety and use of the park public beaches and swimming areas on the Rideau River; a World Enesco Heritage Site. The renewal of these structures complete an active transport link promoting healthy living and life style improvements for those walking or cycling around Rideau River basin within Smiths Falls.	\$116,506.27	\$197,281.48	May 1, 2015	December 31, 2017	Ongoing
8406	Town of Petawawa	Civic Centre Road Reconstruction - Phases I and II	The reconstruction of Civic Centre Road - Phase I runs from Laurentian Drive to Leeder Lane - a distance of 380 metres and Phase II runs from Volunteer Way to Highland Park Drive - a distance of 120 metres. The work to be undertaken includes asphalt pavement, concrete curbs, asphalt and concrete sidewalks, storm sewers, raised intersection and underground storm management facility. This project has received high priority under the Town's Infrastructure Study Update and Asset Management Plan.	\$486,086.11	\$1,703,325.28	June 1, 2015	September 19, 2016	Yes
8410	Township of Red Rock	Rehabilitation of Bridge # 1, 2, 3 and 4	The bi-annual Bridge Inspection - we only have 5 bridges (1 large and 4 small bailey bridges) and they are spread out throughout the Township. Have used the largest bridge for the location.	\$10,508.13	\$100,000.00	July 6, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8440	City of Brampton	Road Resurfacing Program - 153820	The program is required to maintain the existing road infrastructure to minimum standards & to facilitate the implementation of bicycle facilities	\$278,666.60	\$10,500,000.00	April 1, 2015	December 31, 2017	Ongoing
8441	City of Brampton	Bridge Repairs - 154230	This program is required to maintain bridges to minimum standards. Ongoing bridge maintenance & rehabilitation will result in extended asset life.	\$96,927.86	\$700,000.00	April 1, 2015	December 31, 2018	Ongoing
8449	City of Brampton	OAR-Recreational Trail-Walkway Replacement-154954-003	To replace existing pathways throughout the city due to condition assessment and lifecycle replacement. □	\$199,004.07	\$800,000.00	April 1, 2015	December 31, 2018	Ongoing
8453	Municipality of Greenstone	MacDiarmid Road Resurfacing	Application of HF1505 Surface Treatment will rehabilitate MacDiarmid Road, which is the access road to the community of MacDiarmid and Rocky Bay First Nation off of Hwy 11. While the construction services are available, several spot repairs will be coordinated throughout Greenstone.	\$52,915.25	\$52,915.25	July 6, 2015	September 30, 2016	Yes
8456	Township of Stone Mills	Joyce Road Surface Treatment	Double Surface Treatment of Joyce Road. We are changing from a gravel surface to a surface treated road due to the high volume of cars and which will reducing the cost of maintenance on this road.	\$74,147.00	\$137,839.07	August 4, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8460	Town of Hawkesbury	Traffic Signals Evaluation & Replacement	The traffic light study will evaluate the existing traffic signals and turning movements/traffic lanes at eight intersections within the Town. Since the opening of the Highway 50 in Quebec, the traffic patterns have significantly changed. For that reason and because the Town's existing signals are dated and at the end of their useful life, the Town wants to replace them with new traffic signals.	\$3,698.56	\$60,000.00	June 1, 2016	December 31, 2020	Ongoing
8470	City of Timmins	Reconstruction of Dome & Strachan Aves/Sandy Falls Rd	These projects consist of the reconstruction of approximately 2180m of road. There will be approximately 19418sq m of pavement, 267sq m of sidewalk, 654m of new sanitary sewer, 450m of watermain and 408m of storm sewer. The reconstruction improves the surface drainage and by replacing the failing infrastructure it will extend the useful life of the road.	\$1,055,349.15	\$2,900,000.00	January 1, 2015	December 31, 2016	Yes
8478	Town of Kirkland Lake	2015 Road Rehabilitation/Paving Program (Govt./Tweedsmuir etc.)	Mill and pave Government Road, Tweedsmuir Ave, Premier Ave, Rand Ave and Goodfish Rd with grindings from road reconstruction of Hwy 112. Without said grindings the 7km road stretch of Goodfish Road leading to the airport would not be feasible. Place surface treatment on Archer Drive. Pulverize and grade surface, supply and place grindings and single surface treatment to Goodfish Road.	\$312,562.96	\$1,396,000.00	February 1, 2015	November 1, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8514	Municipality of Clarington	Pavement Rehabilitation (2015)	The purpose of this projects is to extend the life cycle of road pavement structures.	\$274,313.86	\$4,754,515.76	January 2, 2015	December 31, 2017	Ongoing
8529	Township of Tarbutt & Tarbutt Additional	Hard Surfacing of multiple Roads (2015)	Township will be improving drainage and laying out road surface as a first step. Gravel will be placed on road to increase elevations and allow for proper grade. Hard Surfacing of the road will take place in August of 2015	\$24,079.32	\$200,553.95	June 1, 2015	September 30, 2016	Yes
8560	County of Lambton	Road Rehabilitation - County Roads 2/7/14/21/22	Rehabilitation of six sections of County Roads: CR2(2015)(Bentpath Ln-7.45km), CR7 (Lakeshore Rd-6.9km), CR22 (Egremont Rd-4.15km), CR21 (Oil Heritage-6.3km),CR2(2016) (6.3km),CR14(Churchill Line-4.5km). All road sections will be rehabilitated utilizing Cold In-Place Recycling with Expanded Asphalt Mix or Full Depth Reclamation with Expanded Asphalt Mix of the existing road platform, followed by hot mix paving and granular shouldering activities. Other work to include sub-drain installations.	\$3,788,936.06	\$9,764,923.37	January 1, 2015	December 31, 2016	Yes
8596	Town of Bradford West Gwillimbury	Frederick, Moore & Joseph Sts. Reconstruction	Road reconstruction, Replacement (upgrade where required) of Sanitary, Storm, Watermain, Sidewalks and Bioswales.	\$920,314.85	\$3,223,000.00	October 14, 2015	July 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8598	City of North Bay	Annual Asphalt Resurfacing Program	Project includes reconstruction, rehabilitation, and resurfacing of various roads within the City's urban area. Project is intended to extend the life of roads while restoring the road's ride quality and provide public safety. The list of streets included in the 2016 program are outlined above.	\$3,262,322.50	\$4,000,000.00	May 2, 2016	December 31, 2016	Yes
8607	Town of Bradford West Gwillimbury	Holland Street West Reconstruction	Reconstruction of Holland Street West from West Park Ave to Langford Drive. Top course pavement removal and replacement. The scarifying of deteriorated surface course asphalt and replace with new level surface course super pave asphalt. Removal of dead and unmanageable vegetation and replace with new median landscaping.	\$201,783.12	\$288,840.72	October 19, 2015	December 31, 2016	Yes
8617	Township of Billings	McQuarrie Road Rehabilitation	The Township started hard topping McQuarrie Road at the farthest location from the Township garage. The intent is to continue using gas tax money to continue hard topping this road until it is completed.	\$30,768.00	\$74,249.99	January 5, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8639	Town of Lakeshore	Reconstruction Elmgrove Dr (Majestic Dr-West end) & East Pike Creek Rd	The scope of work for the noted project is for the reconstruction of Elmgrove Drive from the western limit easterly to the Majestic Drive intersection, as well as East Pike Creek Road from Elmgrove Drive southerly to the Russell Woods Pumping Station. This work will involve full road reconstruction to an urban profile which includes new curb and gutter, new LED streetlighting, new sidewalks, new storm sewer and full restoration.	\$1,600,000.00	\$3,000,000.00	January 4, 2016	December 30, 2016	Yes
8641	City of Kingston	Rehabilitation of McEwen Drive Culvert and Front Road Bridge	This project replaced a box culvert passing under McEwen Road, a neighbourhood link to the arterial road system, with a new sectional box culvert, 1800mm x 900mm and 18.5m in length. This subsurface culvert provides a crucial link in the storm management network and its replacement allows full commercial use of the road and abutting properties above.	\$242,229.48	\$409,421.00	January 1, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8647	Township of Wellington North	Replacement of Culverts #s 2051/2028/2058	Project will replace culvert (2051) on Concession 8 between Sideroad 2E and Sideroad 3E; culvert (2028) on Sideroad 13 between Line 12 and Highway 89; culvert (2058) on Side road 13 between Line 12 and Highway 89. The Township's 2015 OSIM report estimated the first 2 culverts were built in early 1900s and recommended full structural replacement. 2058 was assigned a Bridge Condition Index (BCI) of 38 (poor condition) within the BM Ross Bridge Inspection Report of 2013. A load limit has been applied.	\$313,462.73	\$326,161.30	July 10, 2015	December 31, 2016	Yes
8648	Municipality of Leamington	Sidewalk Construction Program	Sidewalks create a number of positive beneficial aspects for a community and correspondingly, sidewalk deficiencies create a number of challenges. □ □ Location for new sidewalk works are to be established based on the Sidewalk Priority and needs of the Community.	\$13,254.43	\$120,000.00	March 1, 2016	December 30, 2016	Yes
8652	Municipality of Leamington	Replacement of Bridge 11 Mersea Rd 12	This bridge replacement will provide a structure with an expected useful life of 40-60 years. The new structure will allow for heavy traffic therefore reducing travel distances and Green House Gas emissions.	\$32,282.01	\$600,000.00	March 1, 2016	December 29, 2017	Ongoing
8654	Town of Ajax	Resurfacing Multiple Roads (2016)	This project will involve the resurfacing of several local roads within the Town of Ajax including curb and sidewalk repairs, mill and overlay of asphalt surfacing, base asphalt repairs.	\$599,826.15	\$599,826.15	May 2, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8655	Town of Ajax	Construction of New Sidewalks and Trails 2015 & 2016	<p>Construction of new concrete sidewalks on Westney Road from Bayly Street to Monarch Avenue and on Kitney Drive from the ACC to Clements Road. Plus, a new multi-use trail on Harwood Avenue from Morland Cr. to Roots Cr.□</p> <p>In 2016 construction of new concrete sidewalk on Finley Avenue from Westney Road to Bayly Street and a new asphalt multi-use trail on the south side of Rossland Road from Ravenscroft Road to Mullen Park.</p>	\$494,512.56	\$1,050,000.00	January 5, 2015	July 31, 2017	Ongoing
8660	Municipality of Leamington	Road Reconstruction/ Modification of multiple Streets (2016)	<p>The Municipal road reconstruction / modification program allows for the hard surfacing of gravel roads and the reconstruction of existing pavement surfaces. The new hard surfaces allow for a smoother ride and less maintenance which will add to the reduction in Green House Gas.</p>	\$1,243,287.16	\$1,772,000.00	February 1, 2016	December 23, 2016	Yes
8667	Township of Wilmot	Main Street Reconstruction	<p>Reconstruction to an urban cross-section complete with new granular road base, asphalt surface, concrete curb and gutter, storm sewers and sidewalk.□</p> <p>□</p> <p>The reconstruction of the existing road will correct deficiencies in the roads physical characteristics. The proposed improvements include converting the road section to an urban cross-section complete with storm sewer improvements, new sidewalk, granular road base, new asphalt surface and concrete curb and gutter.</p>	\$556,610.00	\$1,099,987.44	April 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8670	Municipality of Highlands East	Upper Paudash Road- Rehabilitate & Resurface	The Upper Paudash Road project is slated to begin on June 1st, 2016. This project will require the Roads Department to complete the necessary ditching, replacing of culverts, applying of gravel and resurfacing. The approximate length of roadway to be rehabilitated and resurfaced is 2 km.	\$98,779.50	\$105,906.01	June 1, 2016	September 30, 2016	Yes
8672	Township of Uxbridge	Rehabilitation of Davis Dr, Wagg Rd and Con 7	The project includes salvaging all the granular road base for reuse. The existing asphalt road will be pulverized and used with the salvaged granular base. Base will be stabilized and an asphalt overlay provided. The Wag Rd. project is an asphalt overlay to extend the life of the original investment.	\$718,680.91	\$862,045.04	May 2, 2016	December 30, 2016	Yes
8690	Township of Mulmur	5 Sideroad New Paving	New paving between Prince of Wales and Centre Road on 5 sideroad to help improve traffic flow for subdivision located on Centre Road. New paving allows them to connect to Prince of Wales paved road and continue out to the highway.	\$84,396.19	\$91,570.19	April 1, 2016	August 3, 2016	Yes
8694	Township of Douro-Dummer	2016 Roads Projects - gravel resurfacing: Golf Course Road, 12th L Dummer, Centre Dummer Rd	Preparing the base of Golf Course Road - McCracken's Landing east 1.7 km in preparation for gravel resurfacing.□ Gravel resurface 12th Line of Dummer - forced road section to North Limit 2 km.□ Gravel resurface Centre Dummer Road - 4th Line road to County Rd. 40, 7.9 km.	\$167,674.69	\$227,687.42	April 15, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8695	Municipality of Chatham-Kent	Kent Bridge Road over Mclean Drain	Culvert replacement for Kent Bridge Road near Rose Beach Line which is the primary access to Rondeau Park. The structure was replaced with a precast concrete culvert.	\$131,082.77	\$520,746.99	February 2, 2015	December 31, 2016	Yes
8698	Region of Waterloo	Various Spot Resurfacing and Various Urban Spot Resurfacing	Various Spot Resurfacing Project # 5174: includes spot surface improvements and repairs in various rural and urban locations within the Region. Various Urban Spot Resurfacing Project # 5662: includes surface improvements/single lift resurfacing in urban areas.	\$788,204.00	\$2,284,793.74	April 1, 2015	December 31, 2016	Yes
8701	City of London	Local & Rural Roads Rehabilitation TS3014-14	The City's Annual Road Reconstruction Program (ARRP) involves the reconstruction of secondary collector and local streets. The AARP program maintains the asphalt and curb & gutter to current quality and engineering standards and replaces trees that have been removed during construction. Program represents 2,000 lane-km of the total 3,500 lane-km of the overall road network.	\$124,472.22	\$5,349,878.00	April 24, 2015	July 31, 2017	Ongoing
8705	Municipality of Chatham-Kent	Merlin Rd. Over Raleigh Plains Drain	Rehabilitation of the structure crossing the Raleigh Plains Drain on Merlin Road. The work included the removal of the concrete deck, repairs to the existing abutments, reconditioning of existing steel beams and reinstallation with new concrete deck.	\$787,257.55	\$1,470,370.06	January 1, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8707	Municipality of Chatham-Kent	Lindsay Road over Danforth Drain (north)	Existing rigid frame concrete bridge replaced with pre-cast concrete box culvert	\$250,226.82	\$250,226.82	January 1, 2016	December 31, 2016	Yes
8710	Municipality of Chatham-Kent	Bear Line Road over Boyle Drain	Existing concrete rigid frame bridge was replaced with precast concrete box culvert.	\$366,457.68	\$370,212.38	January 1, 2016	December 31, 2017	Ongoing
8711	Municipality of Chatham-Kent	Base Line over Cruickshank Drain	Existing concrete ridged frame bridge was replaced with a precast concrete box culvert	\$264,574.34	\$264,574.34	January 1, 2016	December 31, 2016	Yes
8712	County of Essex	2016 Resurfacing of County Rd 27, County Rd 10, County Rd 18, County Rd 14 and County Rd 46	The project consists of recycling and resurfacing 17.3 km of road. The smooth riding surface will be restored on roadways with failed pavement structures which will extend the useful life of the asset. Reduced GHG emissions will result from the deferred demolition and reconstruction of the road.	\$2,188,263.16	\$2,982,914.62	April 4, 2016	December 30, 2016	Yes
8713	Township of Centre Wellington	Full Reconstruction - Victoria St.	This project is a full urban street reconstruction. Deteriorated sewer, water main, 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.	\$36,062.13	\$400,000.00	January 1, 2016	November 30, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8714	Township of Centre Wellington	Road Paving - Sideroad 20	This project will provide a new paved surface to the public. This section of road has been a gravel surface road to date. When this section of roadway is paved, this 1.2 kilometre section will link a series of paved roads together and decrease the amount of gravel road maintenance required annually. The proposed pavement upgrades will offer a safer more durable road design.	\$119,658.83	\$119,658.83	January 1, 2016	September 30, 2016	Yes
8715	Township of Centre Wellington	Road Reconstruction - John St	This project will provide a new paved surface to the public. This section of road has been a recycled asphalt surface road to date. Part of the project involves storm system improvements that will help preserve the road surface and increase the overall life expectancy. The current road surface has well exceeded its service life, the pavement upgrades will offer a safer more durable road design.	\$265,000.00	\$270,800.00	January 1, 2016	November 30, 2017	Ongoing
8718	City of Belleville	New Cycling Facilities	The City's Transportation Master Plan (TMP) has been endorsed by Council. One of the outcomes of the TMP was the development and endorsement of a proposed cycling network throughout the City which includes a combination of on-road and off-road facilities. Locations of cycling facilities will be determined by the outcome of the Cycling Route Implementation Plan. http://belleville.ca/images/uploads/Cycling_Network_Implementation_Plan_-_Map_and_Details.pdf	\$147,953.09	\$500,000.00	January 1, 2016	April 6, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8721	City of Markham	2016 Asphalt Resurfacing at Various Locations	The Asphalt Resurfacing Project consists of resurfacing of roads throughout the Town 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.□	\$3,894,375.77	\$5,444,000.00	May 1, 2016	June 30, 2017	Ongoing
8726	City of Stratford	Resurfacing 2016	Approximately 14,000 square metres of asphalt resurfacing of roads in poor condition (Romeo Street, Queen Street, Dover Street)	\$237,000.00	\$580,000.00	May 2, 2016	December 31, 2016	Yes
8727	City of Stratford	Local Improvement Roads 2016	Repair of unimproved local roads with Tar & Chip or other treatments on Railway Ave.	\$150,000.00	\$150,000.00	May 2, 2016	December 31, 2016	Yes
8728	City of Stratford	Bridge Improvements 2016	Rehabilitation and replacement of various bridges and culverts in the City that have been identified for immediate works in the latest Structure Appraisal Study completed for the City of Stratford	\$478,137.34	\$903,000.00	March 15, 2016	December 31, 2017	Ongoing
8730	City of Stratford	Road Reconstruction 2016	The reconstruction of Joffre Street from Delamere to William, and Ballantyne Avenue from Queen to Front (asphalt, sidewalk, curbs, sanitary, storm and water systems) to provide safe, serviceable infrastructure that maximizes sustainability in the future	\$230,000.00	\$710,000.00	May 2, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8732	Township of Huron-Kinloss	H43 and H65 Culvert Replacement	The project resulted in the replacement of culverts with significant cracking and undermining of the floor slab. Replacement of these structures will allow the roads to remain open to both vehicular traffic and agricultural equipment.	\$260,115.31	\$285,000.00	January 1, 2016	December 31, 2016	Yes
8736	Municipality of Mississippi Mills	2016 Microsurfacing and Surface Treatment Projects	McCann Road, Barr Side Road, Stonehome Crescent, Peter St., Greystone and Rae road	\$346,412.73	\$497,620.90	April 1, 2016	December 31, 2016	Yes
8737	Municipality of Mississippi Mills	2016 Pavement Projects	Pavement of Church Street and Greystone Drive	\$30,130.71	\$159,799.22	April 1, 2016	December 31, 2016	Yes
8738	City of Niagara Falls	Road & Infrastructure Improvements (2015/2016)	Sewer separation, watermain replacement and road reconstruction	\$643,563.81	\$10,792,404.00	January 1, 2015	September 28, 2018	Ongoing
8742	Township of Wellesley	Paving Deborah Glaister Line from Hutchison Rd to Manser Rd	Paving Deborah Glaister Line from Hutchison Rd to Manser Rd. Resurfaced the current asphalt road to reduce asphalt cracking, potholes and save the road base from future, major cost, thus improving the driving surface. This road has had a new yellow dividing line and new gravel shoulders installed. The length of this project was 2150 metres x 7.5 metres wide for a total of 1770 tonnes of HL3 asphalt.	\$90,893.44	\$120,068.14	May 2, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8743	Township of Wellesley	Paving Manser Road from William Hastings Line to Streicher Line	Paving Manser Road from William Hastings Line to Streicher Line. This entailed surfacing the current gravel road to a hard surface asphalt (HL4) to reduce the maintenance cost of dust control, grading and adding gravel. This road is used by the current gravel pit owners and their trucks. This road is also used as a by-pass from Woodstock to Alliston since it runs directly north and south.	\$185,965.31	\$295,123.08	May 2, 2016	September 29, 2017	Ongoing
8746	County of Middlesex	County Road 17 (Nairn Road) Rehabilitation	Rehabilitation of County Road 17 (Nairn Road) from Greystead Drive to County Road 19 (Petty Street) including cold in place asphalt recycling, hot mix asphalt overlay, and repairs to other road infrastructure including culverts and roadside drainage.	\$927,034.48	\$927,034.48	May 2, 2016	December 31, 2016	Yes
8747	County of Middlesex	County Road 20 (Denfield Road) Rehabilitation	Rehabilitation of County Road 20 (Denfield Road) from County Road 16 (Ilderton Road) to the village of Denfield including cold in place asphalt recycling, hot mix asphalt overlay, and repairs to other road infrastructure including culverts and roadside drainage.	\$1,048,341.67	\$1,048,341.67	May 2, 2016	December 31, 2016	Yes
8748	County of Middlesex	County Road 8 (Appin Road) Rehabilitation	Rehabilitation of County Road 17 (Nairn Road) from County Road 2 (Longwoods Road) to the village of Appin including cold in place asphalt recycling, hot mix asphalt overlay, and repairs to other road infrastructure including culverts and roadside drainage.	\$612,949.34	\$786,000.00	May 2, 2016	December 31, 2017	Ongoing
8749	Township of Armour	#N/A	#N/A	\$83,426.34	\$90,185.77	May 9, 2016	June 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8752	Township of Alfred and Plantagenet	Repaving Concession 5 Plantagenet and Mill Street	The project is for road resurfacing including granular A base followed by a HL-4 Hot Mix Asphalt. It will provide safe, serviceable road surfaces that maximize sustainability for future use. Granular surface will improve the road drainage while the asphalt will improve quality of environment through the reduction of green house gas emissions.□	\$279,720.29	\$314,138.82	June 1, 2016	September 30, 2016	Yes
8753	Township of Admaston/Bromley	Resurfacing of multiple Roads (2016)	To apply 8500 tonnes of Granular M material to provide safe, serviceable roads that maximize sustainability in future use. Resurfacing projects improve the quality of the environment through reduced greenhouse gas emissions□	\$87,562.99	\$87,562.99	May 31, 2016	December 31, 2016	Yes
8762	County of Lennox & Addington	Road Reconstruction of County Road 22	Project scope includes rural road surface and base rehabilitation with paved shoulders, drainage improvements and roadside safety device upgrades. This project will also include a new asphalt surface with a new 1.2m paved shoulder. The paved shoulder will reduce maintenance costs and provide a safer environment for cyclists and other active transportation methods.	\$1,271,582.79	\$2,126,515.33	October 19, 2015	December 31, 2017	Ongoing
8766	County of Lanark	2016 Rehabilitation of County Rd 1 & County Rd 19	County Road (CR) # 1 Rehabilitation from CR 10 to CR 21.□ □ CR #19 Rehabilitation from Osprey Road Westerly	\$1,723,526.12	\$2,026,456.42	May 10, 2016	October 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8767	Township of McNab/Braeside	Rehabilitation of Goshen Road	In 2016, the Township of McNab/Braeside will undertake the rehabilitation of Goshen Road between Calabogie Road and 0.2 km south of Highway 17. The 4.1 km long project will address several deficiencies within the area and provide asphalt traffic lanes.	\$224,369.65	\$1,151,456.48	January 1, 2016	December 31, 2016	Yes
8769	Municipality of Huron East	M30 - Canada Company Road Culvert Replacement	Replace existing M30 structure on Canada Company Road with a corrugated steel arch structure.	\$70,610.19	\$70,610.19	May 2, 2016	December 31, 2016	Yes
8772	Town of Perth	Overlay and Micro-surfacing of Gore St East and Market Square	The overlay / micro-surfacing of Perth's main street over the entire business district (Gore Street East -Craig to North) and the Market Square Road which rings Town Hall. This will extend the useful life of both road surfaces. At the same time allow for less distracted drivers and reduce the vibration from traffic flow on the Town's historic structures.	\$93,192.44	\$137,754.44	May 15, 2016	December 31, 2016	Yes
8788	Township of Wellington North	Durham St. E. Resurfacing	Durham St. E. between Main St. N. and Egremont St. N. is in need of milling and resurfacing as roadway is beyond asphalt patch repair. Water and sewer capital work is not planned for over five years.	\$25,099.12	\$45,099.12	August 29, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8791	Township of Wellington North	Audible Pedestrian Signals	Three (3) audible signals at existing traffic lights at George St & Charles St, Arthur; Main St S & Queen St E, Mount Forest; Main St N & Sligo Rd, Mount Forest. Project will complete the installation of audible signals at all Township-owned traffic signal lights. Audible signals align with the Township's desire to be a more accessible community by increasing accessibility of its built environment.	\$27,677.40	\$46,809.60	June 1, 2016	December 31, 2016	Yes
8793	City of Niagara Falls	Beck & Whirlpool Rd Bridge Replacements (2016)	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.	\$30,828.60	\$1,161,000.00	March 1, 2016	May 31, 2018	Ongoing
8794	Town of East Gwillimbury	Double High Float Surface Treatment at Old Yonge St, Boag Rd and Bridle Path	Double High Float Surface Treatment consists of applying two layers of aggregate material, First layer is a Class 1(5/8 aggregate) and the second layer is a Class 5(3/8 aggregate) each layer is sprayed with a polymer emulsion binder to bond the aggregate materials together. The application of a Double High Float surface treatment provides betterment for road surfaces by sealing the road base and prolonging of structural ability. It also reduces fuel consumption and green house gas emissions	\$195,995.64	\$195,995.64	May 2, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8795	Town of East Gwillimbury	Asphalt Resurfacing at Kilpatrick Dr, Tall Pines Trail and Shannon Road	Slurry Seal Road Surface Treatment consists of a mixture of emulsified asphalt, mineral aggregate, Portland Cement mineral filler and water. The mixture is properly proportioned and spread on the cleaned road surface.	\$185,232.38	\$185,232.38	May 2, 2016	December 31, 2017	Ongoing
8798	Township of Oro-Medonte	Line 9 N - Warminster SR to Mount St. Louis Rd.	Surface rehabilitation will consist of pulverizing the existing surface, addition of granular material and repaving. Minor ditch work will be included.	\$224,323.50	\$349,292.58	June 1, 2016	August 31, 2016	Yes
8800	Township of Oro-Medonte	Line 5 N - Mount St. Louis Rd to Highway 400	Surface rehabilitation will consist of pulverizing the existing surface and application of asphalt grindings followed by slurry seal in 2017.	\$129,465.00	\$143,341.80	June 1, 2016	October 31, 2016	Yes
8801	Township of Oro-Medonte	Tudhope Boulevard	The road will be resurfaced as existing road surface is exhibiting significant cracking, major deformation and settlement.	\$184,261.38	\$184,261.38	June 1, 2016	June 30, 2016	Yes
8804	Municipality of Chatham-Kent	2016 Asphalt Resurfacing Program	Road Resurfacing and rehabilitation, including shouldering of road section within Chatham-Kent. The use of standard asphalt mix (HL-3, HL-4, and HL-8) along with the inclusion of 20% RAP (Reclaimed Asphalt Pavement). The resurfacing of these road sections provides safe serviceable roads for Chatham-Kent public and commerce transportation along with maximizing the sustainability of the road asset.	\$1,575,964.27	\$5,498,255.73	May 2, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8806	Town of Carleton Place	Repaving Coleman St - Queen St to MacGregor and Pattie Drive from Joseph to Joseph	Road Resurfacing - hot mix asphalt pavement to provide safe, serviceable road pavements that maximize sustainability in future use. Pavement resurfacing projects improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and cleaner water. □ □ These projects have been identified by the municipality's pavement management system as being at a condition and time in its life cycle where resurfacing will extend the useful life of the road.□	\$298,224.84	\$986,000.00	April 15, 2016	November 30, 2016	Yes
8814	City of St. Thomas	Edward Burwell Intersection Reconstruction	Intersection improvement work that includes modifications to the existing road layout, lengthening of lane storage and tapers and upgrading of curb radii on all approaches to improve truck turning movements. Existing traffic signals will be reconstructed to include inductive loop detection to optimize operational efficiency. Storm sewer and water management of run off quality enhancement modification work will be undertaken also. Permanent pavement markings will be applied.	\$1,242,944.62	\$1,320,000.00	May 1, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8819	Town of Oakville	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 sewer, boulevard landscaping, on-street cycle lanes and boulevard trails/sidewalks. Phased construction beginning at Dundas St. and moving northerly with timing of North Oakville development. The improvements are necessary to address all modes of travel demands within the corridor and improve the function of the intersection as development proceeds.	\$42,878.00	\$453,101.00	January 1, 2010	December 31, 2017	Ongoing
8835	City of Cambridge	Road Reconstruction 2015	Reconstruction of Hopewell Rd from Fairview Rd to Severn Ave and Severn Ave from Hopewell Rd to Grand Valley Dr. Project as a whole includes reconstruction of water and sewer infrastructure, improve drainage condition by installing new storm sewer along with new curb, gutter and Sidewalk and paving. Portion funded by gas tax is road and storm; project classified as roads as current estimate is a 50%/50% split of gas tax funds between roads and storm.	\$1,515,834.00	\$13,548,049.00	January 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8838	City of Thunder Bay	Pavement Reconstruction and Rehabilitation (2015)	Rehabilitation and reconstruction of various streets including Cumberland (Stephens to MacDougall), May Street (Dease to Miles), Tarbutt and Walnut bordering Sister Margaret Smith Centre, Mary Street (Neebing to Crawford) and Hodder Ave (Arundel to MTO Limits) Work also includes street lights, signal lights and sidewalks.	\$1,188,313.56	\$6,744,875.00	March 2, 2015	May 15, 2019	Ongoing
8841	County of Peterborough	Rehabilitation of CR 3, CR 10 and CR 21	CR 3 – 2.3 km length, Hwy 7 to Brealey Drive, involves recycling of existing asphalt to increase GBE strength & 90mm HMA overlay. CR 10 - 1.2km - Hwy 115 to Hwy 7, involves recycling of existing asphalt to increase GBE strength & 50mm HMA overlay. CR 21 – 0.47 km, Union St. to Cavan St., pavement and drainage issues along road corridor. Reconstruction of semi-urban to urban section c/w curbs, sidewalks and storm sewers, incl. excavation, granulars to increase GBE strength & 50mm HMA overlay.	\$1,281,352.53	\$2,116,495.00	May 2, 2016	December 31, 2016	Yes
8842	Township of Russell	Road Resurfacing at Various Locations	To provide safe, serviceable road pavement that maximizes sustainability in future use. □ □ Resurfacing projects improve the quality of the environment through reduced GHG emissions resulting in cleaner air and cleaner water.	\$463,557.35	\$628,230.96	May 2, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8844	Town of Oakville	2015 Pedestrian Crossover Signals Upgrade	The conversion of PXO (Pedestrian Crossover Signals) with more advanced IPS (Integrated Pedestrian Signals) signals to improve the safety factor at pedestrian cross over points.□	\$5,399.00	\$71,399.00	January 1, 2015	December 31, 2016	Yes
8849	City of Vaughan	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 (Andrew Park, Button Road, Marilyn Place, North Humber Drive CD-1920-15)&(Sonoma Heights, Cachet Hill Cr., Royal Pine Ave CD-2015-15).	\$2,807,128.65	\$14,016,000.00	January 1, 2015	December 31, 2019	Ongoing
8853	City of Vaughan	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(EN-1888-13).	\$29,731.96	\$1,654,500.00	January 1, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8854	City of Vaughan	King Vaughan Road Bridge EA & Replacement	Environmental Assessment to determine and implement appropriate rehabilitation and/or replacement strategy for the King Vaughan Road Bridge. A temporary pre-manufactured bridge over the Humber River will be installed on King Vaughan Road between Kipling Avenue and Highway 27 (EN-1889-13 & CD-2028-15).	\$123,310.90	\$831,500.00	March 1, 2015	December 31, 2018	Ongoing
8855	City of Vaughan	2015 Pavement Management Program	Works include resurfacing/ rehabilitation of road surface, curb, sidewalk and any necessary restoration (EN-1912-14 2015 & EN-1913-14 2015).□	\$929,253.12	\$6,975,970.00	March 1, 2015	December 31, 2018	Ongoing
8878	Town of Petrolia	2016 Road Works	IAW our ten year road capital and maintenance plan, Petrolia completed important road resurfacing work on parts of Third Street, Glenview Road, and Hawthorne Place. This investment will significantly extend the life of these roads thus avoiding very expensive road reconstruction costs. We also spent \$12,012 as our share of Tile Yard Road; and \$14,348 on road micro-sealing to preserve some roads in accordance with our Asset Management Plan.	\$187,990.62	\$276,726.48	September 26, 2016	October 27, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8881	Town of Ingersoll	Road Resurfacing/Rehabilitation of multiple Streets (2016)	Under the Pavement Preservation program, gas tax funds were used to overlay 1.3 km of asphalt in poor condition in various locations in Town. Gas tax funds were also used to top coat 0.6 km of Holcroft Street that was reconstructed in 2014, with the replacement of watermain, and storm sewers; and the installation of trunk main sanitary sewer, sidewalks and base coat asphalt.	\$294,137.13	\$374,094.59	July 1, 2016	December 31, 2016	Yes
8885	Region of Niagara	Rehab Structure 124205 (Central Ave) over CNR (ZRC0548)	This project involves the complete bridge replacement of Central Ave Bridge which carries Regional Road 124 over the CN tracks.	\$2,360,320.01	\$12,974,707.37	February 2, 2015	December 31, 2017	Ongoing
8888	Region of Niagara	Intersection Improvement - King St at Greenlane and Durham (Roundabout) (ZRC1556)	To implement the construction of a roundabout to address geometric, sight line, and traffic flow improvements at this intersection due to the skewed angles of the intersection roadways. □	\$2,315,645.13	\$3,100,000.00	April 1, 2015	December 31, 2017	Ongoing
8891	City of Kitchener	Road Resurfacing, Sealing and Laneway Rehab 2016	The roads/laneways selected for road resurfacing/rehabilitation are done so through the use of the City's Pavement Management Application. This allows staff to maximize the efficiency of the road maintenance and rehabilitation program. Resurfacing and rehabilitation of city streets reduces the impact of construction on the environment.	\$2,788,772.00	\$3,094,660.39	March 25, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8892	City of St. Thomas	2016 Road Rehabilitation	Full depth asphalt removal and replacement on various city collector roadways of approximately 4.7 km in length.	\$1,050,000.00	\$2,020,808.00	April 1, 2016	December 31, 2016	Yes
8894	City of St. Thomas	2016 Sidewalk Replacement	Installation of 1200 linear metres of new sidewalks on city arterial and local roads to improve safety of pedestrian movements along roadways.	\$406,816.60	\$450,000.00	May 2, 2016	December 31, 2016	Yes
8899	City of Kitchener	Major Sidewalk Repair 2016	Sidewalk repair is required due to cracking and heaving from tree roots, vehicle loading at driveway entrances and freezing temperatures. These heaves make it difficult for pedestrians to utilize the sidewalk, as they increase the likelihood of trip and fall accidents. Therefore, the City is required to inspect and repair these cracks and heaves, otherwise citizens will choose to drive as opposed to walk.	\$261,026.00	\$1,751,366.68	March 25, 2016	December 30, 2016	Yes
8901	City of Kitchener	Installation of New Sidewalks 2016	The installation of new sidewalks on city streets is done to provide an environment that encourages walking and the health of residents.□ Ottawa St is a Regional road, and the Region of Waterloo is planning to reconstruct several sections over the next few years, with one of these sections being the stretch between Conestoga Parkway and Lackner Blvd. The City is responsible for all sidewalk repair/replacement costs and a portion of storm sewer costs.	\$76,644.00	\$826,135.00	April 29, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8903	Region of Niagara	Embankment Stabilization RR 14 (Canboro Rd) at Warner (ZRC0812)	To implement the construction of a roundabout to address geometric, sight line, and traffic flow improvements at this intersection due to the skewed angles of the intersection roadways. □	\$44,866.00	\$4,090,000.00	April 1, 2015	December 31, 2018	Ongoing
8906	City of Kitchener	Rehabilitation of Pedestrian Bridges 2016	To encourage citizens to utilize existing trails, work is required to improve signage, and surfacing on these pedestrian bridges.	\$20,666.00	\$30,265.15	April 29, 2016	December 30, 2016	Yes
8908	Municipality of Hastings Highlands	Road Resurfacing (Papineau, Hybla and McDonald Mines)	The municipality will be applying new gravel to the roads, Little Papineau, Papineau, South Papineau, Hybla and McDonald Mines, using quarried granular M material.	\$296,627.53	\$296,627.53	April 1, 2016	November 1, 2016	Yes
8919	City of Brockville	Road Resurfacing of multiple Streets (2016)	To maintain and provide safe walking and driving surfaces. Crack sealing, as well as milling and hot mix paving, extend the overall life of road pavement structures when completed at the optimum intervals. □ □ Crack sealing, concrete sidewalk/curb reconstruction and milling and hot mix paving on various streets.	\$640,000.00	\$690,000.00	January 1, 2016	December 31, 2016	Yes
8929	Municipality of Central Huron	Structural Reinforcement of Bridge on Fish and Game Line	Reinforced concrete extensions on each side of bridge	\$86,386.81	\$86,386.81	February 18, 2016	December 19, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8931	Township of Champlain	Reconstruction of Boyd & Caroline	The project consists of complete drainage and surfacing work on 500 metres of road.	\$163,146.00	\$163,146.00	May 23, 2016	October 31, 2016	Yes
8933	Township of Champlain	Reconstruction Happy Hollow Rd Phase 1 & 2	The project consists of drainage and resurfacing work as well as moving 3 to 4 hydro poles to widen the road on a 1 km stretch of the road.	\$104,616.00	\$270,557.00	May 23, 2016	November 18, 2016	Yes
8935	Town of Tillsonburg	Trottier Reconstruction	The streets included in this reconstruction were Goldenrod Drive and Burdock Court. The Trottier Reconstruction, Stage 4 project involved the removal and replacement of the water main, reconstruction of the road pavement structure from asphalt to granular subbase including new concrete curb and gutter. Storm sewers and catch basins were installed eliminating the need for roadside ditches and driveway culverts. Stage 3 consists of Lady Ave, Denis Crt and Richard Crt.	\$22,990.37	\$674,500.00	May 2, 2016	December 31, 2017	Ongoing
8940	Township of Woolwich	Hill Street Bridge Replacement	Replace existing bridge and improve vertical curve in accordance with the approved environmental assessment. The replacement structure will be a precast concrete rigid frame bridge on spread footings with an approximate span of 7.9 m.	\$543,348.45	\$773,440.73	July 4, 2016	December 30, 2016	Yes
8947	Township of Perth East	Line 61 Resurfacing	Combination of surface treatment, asphalt resurfacing and roadside drainage improvements to Line 61 from Road 140 to Road 116.	\$365,689.50	\$789,101.50	June 6, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8948	Town of Georgina	Road Rehabilitation 2016	As per our Asset Management Plan, we propose to complete surface treatment, road repairs, asphalt padding and fog sealing on a number of roads.	\$694,388.80	\$1,330,000.00	January 1, 2016	December 31, 2017	Ongoing
8949	Town of Georgina	Mossington Bridge Rehabilitation	Mossington Bridge is considered to be a heritage structure and as per the heritage bridge guidelines, the ministry preferred retention and repair in a manner that maintains the heritage aspects. The objective is to provide safe bridge to the travelling public and follow Highway Traffic act and Bridge Act and regulations for safety.	\$496,900.27	\$585,000.00	January 1, 2016	December 31, 2017	Ongoing
8950	Town of Georgina	Replacement of Queensway Culvert	The Queensway culvert has been restricted to one lane between Church St. and Old Homestead Road to limit the loading on the culvert. Replacement of this culvert will restore 2 lane traffic and safe movement of vehicles and ease congestion over the culvert.	\$2,415.90	\$300,000.00	January 1, 2016	December 31, 2018	Ongoing
8952	Township of South Stormont	Reconstruction of Moulinette Island Causeway - Phase I	Moulinette Island Causeway is at a condition and time where full reconstruction is required.□ The existing surface will be reclaimed with granulars being added at a 1:1 ratio. Total reclaimed surface will be approximately 840T. The existing guiderail will be adjusted to accommodate the new road height. Asphalt surface will complete the project.	\$125,000.00	\$225,709.00	May 1, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8954	Township of South Stormont	Reconstruction of North Lunenburg Road East	North Lunenburg Road East is at a condition and time where full reconstruction is required. The existing surface will be reclaimed with granulars being added at a 1:1 ratio. The reclaimed surface will be approximately 1650T. Drainage and roadbase issues will be addressed as required. A double surface treatment application will complete this project.	\$92,000.00	\$238,913.00	May 2, 2016	December 30, 2016	Yes
8955	Township of South Stormont	Reconstruction of Dixon Road	Dixon Road is at a condition and time where full reconstruction is required. The existing surface will be reclaimed with granulars being added at a 1:1 ratio. The reclaimed surface will be approximately 2400T. Drainage and road base issues will be addressed as required. A double surface treatment application will complete this project.	\$135,000.00	\$360,755.00	May 2, 2016	December 30, 2016	Yes
8959	Municipality of Central Huron	Replacement of Flynn Culvert at Conservation Rd	Replacement of culvert at Concession 4, Lot 23 Conservation Road. Municipal Employees will be doing the work in mid July and August. \$10,542.34 additional costs for internal resources not included in the grant funding.	\$30,908.64	\$41,450.98	February 18, 2016	October 3, 2016	Yes
8960	Township of Melancthon	Replacement of Culvert 2020 - 4th Line NE	Structure is in very poor condition, demonstrating signs of movement, concrete deterioration and water penetration. Proposed Project will replace the structure with a 3m diameter CSP Culvert (3.5mm thick, galvanized) extending the service life approximately 35 years.	\$100,000.00	\$139,288.25	June 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8963	City of Waterloo	Roads Resurfacing 2015	The project is for various resurfacing projects	\$889,392.00	\$5,657,586.00	January 1, 2015	December 31, 2017	Ongoing
8964	Township of Mapleton	Rehabilitation and Replacement of Bridges	Bridge PB047 PB054 and Bridge PB010 were inspected and identified as poor performance and conditions. The Bridge Work will improve the public safety issues.	\$109,189.00	\$1,218,000.00	August 3, 2015	August 31, 2016	Yes
8969	Township of Woolwich	William Street Reconstruction	The William Street (Elmira) Reconstruction project will include the replacement and up sizing of new water main, as well as the complete replacement of sanitary, storm and drain cellar infrastructure. The surface works will include a new road base, asphalt and new curbs and gutter and sidewalk.□ The limits of the William Street Reconstruction project will be from Snyder Ave N to Arthur St N.	\$3,884.02	\$1,939,741.00	June 30, 2016	December 31, 2019	Ongoing
8971	Municipality of Mattawan	Argo Run and Burke Drive Improvements	Major improvements to Argo, Burke Drive plus other spots involving brushing, ditching and resurfacing as well as some culvert work.	\$19,232.18	\$34,496.72	May 9, 2016	December 31, 2016	Yes
8972	Township of Clearview	Repave Sunnidale Townline	Repaved 1.2 km of the boundary road between Clearview and Adjala-Tosorontio. Sunnidale Townline between Sunnidale 6/7 and McCarthy Drive & between Sunnidale 12/13 to 9/10.	\$88,726.00	\$276,202.24	June 8, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8973	The Nation Municipality	Resurfacing Concession 20, Route 650, Piché Road	Road Resurfacing- hot mix, asphalt surfaces for approximately 5 Km. To provide safe, serviceable road pavements that maximizes sustainability. Pavement resurfacing projects improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and cleaner water.	\$354,744.36	\$429,662.87	June 1, 2016	December 23, 2016	Yes
8975	Municipality of Morris-Turnberry	St. Michaels Road Reconstruction	Road Reconstruction of St. Michaels Road from Clyde Line to Button Line	\$103,766.07	\$607,500.00	June 1, 2016	December 31, 2017	Ongoing
8977	Town of Milton	Reconstruction of Garden Lane	Garden Lane was identified as a "Now" need in the Town's 2014 'State of the Infrastructure-Roads Study'. As a result, the reconstruction of Garden Lane was included in the 2016 capital budget and forecast. The project includes the reconstruction of storm sewers, curbs and gutters, sidewalks, a granular base, sub drains and an asphalt surface.	\$434,848.00	\$1,221,888.00	February 22, 2016	December 31, 2018	Ongoing
8978	Town of Milton	Bronte Street (Britannia to Louis St Laurent)	Bronte Street from Britannia to Louis St. Laurent Avenue is identified for widening and reconstruction in 2016. The scope of work will include widening to 4 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.	\$369,400.00	\$5,641,929.35	February 22, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8985	City of Kingston	2016 Pavement Repairs at Various Locations	Crack sealing Elmwood subdivision, micro-surfacing Centennial Drive from Bath Road to Taylor Kidd, road repair Stuart St. from St. Lawrence to University Ave, Ontario at Earl, Ontario at William, Stanley St. from Division St. to Lansdowne St., McIvor Road at Sunnyside, Woodbine Road west of Westbrook Road, Mount Chesney Road east limit of the City to the west limit of the City.□ □ □	\$642,170.56	\$1,037,123.00	January 1, 2016	December 31, 2017	Ongoing
8986	City of Kingston	Reconstruction of Princess St. from Clergy St. to Bagot St.	Reconstruction of 400m of a major downtown business district street to replace aged combined sewer with separated storm and sanitary sewers, including new laterals for both to all properties. The streetscape was enhanced to include wider sidewalks, pedestrian bulbs at all intersections, enhanced street and pedestrian level lighting, and open planters with perennials and trees throughout the project that incorporated subsurface soil banks to mitigate storm sewer peak flows and provide soil volume.	\$5,603,219.48	\$8,925,361.00	January 1, 2016	December 31, 2017	Ongoing
8990	Township of St. Clair	Lambton Line - Kimball Road to Pretty Road	The Road was rehabilitated with Cold in Place Recycling with Expanded Asphalt and overlaid with 50mm of hot mix asphalt. This would extend the life by 15 years.	\$441,302.22	\$538,790.47	June 7, 2016	October 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
8999	City of Burlington	New Street & Drury Lane Area RA0189	Within the sections of road included in this project, various works will be completed depending on the particular state of each section. The works will include full depth road reconstruction, road widening, new or replacement of sidewalks and curb and gutter, and asphalt resurfacing. The Region of Halton will also be completing works on the watermain under the road sections.	\$2,510,200.00	\$11,053,790.00	March 1, 2016	December 31, 2016	Yes
9002	City of Burlington	Local Road Resurfacing 2016 RL0284	This project involves the resurfacing of local and rural roads throughout the city to extend the pavement life cycle and includes the removal and replacement of the surface asphalt layer along with spot repairs to deficient curbs.	\$1,860,639.00	\$7,021,341.00	March 1, 2016	December 31, 2016	Yes
9008	Town of Aylmer	Coopers Alley – Road Rehabilitation & Storm Sewer Replacement	Pavement restoration including gravel base and storm sewer replacement.	\$11,410.15	\$50,657.00	October 13, 2015	December 31, 2016	Yes
9010	County of Haliburton	County Road 503 Hot Mix Paving	7km - pulverization of existing asphalt road, application of 100mm of granular A, paving of 50mm hot mix asphalt.	\$517,644.62	\$840,093.00	July 1, 2016	September 30, 2016	Yes
9011	Township of Ryerson	Road Resurfacing - Royston, James Camp & Stisted	The Township of Ryerson has resurfaced 2.9 km of Royston Road, 2.0 km of Stisted Road, and 1.3 km of James Camp Road in order to extend the life of the road surface.	\$68,000.00	\$112,496.94	July 4, 2016	September 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9012	Township of Algonquin Highlands	Resurfacing Stanhope Airport Road at Highway 118 Intersection	Pulverize and resurface road a distance of 2 km. from intersection of Hwy 118	\$56,000.00	\$147,370.42	May 16, 2016	October 3, 2016	Yes
9013	Town of Niagara-on-the-Lake	Road Resurfacing at Four Mile Creek Rd & Byron St (2016)	Four Mile Creek Road and Byron Street - works consists of storm sewer installation, minor water system alterations, sidewalk installation, road reconstruction which will include road base excavation, curb and gutters and asphalt. □ Four Mile Creek Road - 500m road reconstruction, 360m storm sewer installation □ Byron Street - 325m road reconstruction, 90m storm sewer installation	\$445,913.37	\$1,081,009.57	April 18, 2016	August 30, 2016	Yes
9018	City of Brampton	Road Resurfacing Program - 163820	The program is required to maintain the existing road infrastructure to minimum standards & to facilitate the implementation of bicycle facilities □	\$10,435,910.53	\$11,000,000.00	January 1, 2016	December 31, 2019	Ongoing
9019	County of Brant	Road Rehabilitation on Colborne St W from Hwy 24 to Pleasant Ridge Rd	Project involves cold in-place recycling of existing asphalt pavements (OPSS 335), hot mix overlay (OPSS 310), concrete curb and gutter (OPSS 353), granular shouldering (OPSS 314), drainage improvements, and traffic sign improvements as per Ontario Traffic Manual	\$1,093,809.69	\$1,093,809.69	March 28, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9020	City of Brampton	Bridge Repairs - 164230	The program is required to maintain bridges to minimum standards. Ongoing bridge maintenance & rehabilitation will result in extended asset life.	\$5,600.88	\$2,413,000.00	January 1, 2016	December 31, 2019	Ongoing
9021	County of Brant	Road Rehabilitation on Burtch Rd from Cockshutt Rd to Mt. Pleasant Rd.	Project involves cold in-place recycling of existing asphalt pavements (OPSS 335), hot mix overlay (OPSS 310), concrete curb and gutter (OPSS 353), granular shouldering (OPSS 314), upgrade safety devices (OPSS.MUNI 721), drainage improvements, and traffic sign improvements as per Ontario Traffic Manual	\$778,387.09	\$780,529.52	March 29, 2016	December 31, 2016	Yes
9040	Town of Essex	Low Class Bituminous Pavement (2015)	14th Concession (County Road 15 to Pinkerton) - Final Lift. Colchester Country Club - Final Section. 5th Concession (Country Road 15 to Ferris Road - Final Lift).	\$160,462.00	\$422,714.81	January 1, 2015	December 31, 2017	Ongoing
9049	Township of South Frontenac	Desert Lake Road Reconstruction	Road re-alignment, removal of horizontal and vertical curvature. Granular base, culvert replacement, and re-surfacing.	\$475,858.18	\$600,000.00	April 18, 2016	December 31, 2016	Yes
9051	City of Stratford	Short Street Extension 2016	Construction of the extension of Short Street from Matilda Street to Forman Avenue	\$152,343.26	\$1,123,800.00	March 24, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9059	City of Mississauga	Bridge and Structure Rehabilitation 2016	Bridge Rehabilitation at Kos Boulevard, Wolfedale Rd and Kamato Rd. Bridge Structure Detail Inspections and Design at Dundas ST W. Bound, Dundas ST E. Bound over Credit River and Matheson Blvd. over Etobicoke and Rena Road Culvert Widening.	\$1,154,856.74	\$4,500,000.00	January 1, 2016	December 31, 2021	Ongoing
9060	City of Mississauga	Roadway Rehabilitation of multiple Streets (2016)	Rehabilitation of various City of Mississauga roads	\$7,290,000.00	\$16,048,000.00	January 1, 2016	December 31, 2018	Ongoing
9064	Town of Cobourg	Construction of Bike/Walking Trail - Brook Rd N and MacArthur	New bike / walking trail to be installed along the old railway line between Brook Rd N and MacArthur also known as the Kerr St right-of-way.	\$3,297.82	\$17,000.00	November 2, 2015	December 31, 2017	Ongoing
9068	Town of New Tecumseth	Road Reconstruction multiple Streets (2015)	Engineering and design for urban sections of roadways that require rehabilitation. The works relate to road projects that have been identified and prioritized within the Roads Needs Study. Several sections of roads were completed in 2016: In Alliston - Fletcher St from Nelson St E to 70m south of Nelson St, Nelson St E from Lorne St to East Ave, Lorne St E to Victoria St E and Tracey Dr from Evans Rd to Hutchinson Dr.	\$34,922.86	\$125,556.84	May 1, 2015	May 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9070	Town of New Tecumseth	Beeton Storm Sewer Culvert Replacement	Replacement of 270 metres of box culvert located on Prospect and Second street in Beeton. This structure conveys storm water from the southwest region of Beeton. The current structure has been annually showing signs of deterioration and the replacement will remediate and mitigate the inherent risks.	\$11,322.74	\$660,421.57	April 3, 2015	April 29, 2016	Yes
9077	Township of Hilton	Reconstruction & Replacement Culverts Hilton Road	A number of old failing culverts will be replaced with plastic larger ones and additional ditching performed to improve drainage. Filter cloth and armour stone will be placed around new culverts to help avoid erosion/washouts. The elevation of the road along the curves/corners will be corrected to eliminate associated driving hazards. Fresh gravel will be applied followed by surface treatment.	\$48,500.00	\$150,000.00	May 2, 2016	November 30, 2016	Yes
9081	Township of Ramara	Glenrest Dr	Road reconstruction and resurfacing to provide safe and serviceable road pavement, maximizing sustainability into future years.	\$273,979.97	\$500,000.00	April 20, 2015	December 31, 2016	Yes
9084	Region of Waterloo	2016 Rural Resurfacing	Resurfacing of the Regions rural roads by expanded asphalt for Projects 5425, 5664, 5672 as well as resurfacing by mill and pave for Project 5671.	\$2,959,181.00	\$3,374,695.00	April 4, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9085	Region of Waterloo	2016 Bridge Rehabilitations	Review and rehabilitation the existing bridge structures which typically include concrete patching, full depth concrete removal, waterproofing and concrete bridge deck overlay, joint removal and semi integral conversion. The rehabilitations will include review and repair concrete in the substructure as well as embankment erosion control measures where necessary.	\$4,488,209.00	\$17,050,000.00	April 4, 2016	December 31, 2018	Ongoing
9087	Region of Waterloo	2016 Reconstruction Projects	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 modernizations.	\$13,400,027.91	\$25,345,000.00	April 4, 2016	December 31, 2018	Ongoing
9088	Region of Waterloo	2016 Urban Resurfacing Projects	Various Urban Resurfacing projects in 2016 including Project 6904, 6919.	\$292,985.00	\$317,944.00	April 4, 2016	December 31, 2016	Yes
9091	Municipality of Lambton Shores	Franklin St Reconstruction	Road reconstruction and drainage improvements along two blocks of urban cross section of public roadway. This project will be replacing and resurfacing existing assets as there is significant flooding in this area causing deterioration of the roadway. This project will also improve the drainage infrastructure and prevent flooding.	\$202,105.72	\$384,493.97	April 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9103	Region of Halton	R2079B Trafalgar Rd- Widening-Iroquois to UMR	The design for the widening of Trafalgar Road from Leighland Avenue to Upper Middle Road, in the Town of Oakville will include a six-lane urban cross section, intersection improvements, raised median and multi-use paths/sidewalks.	\$422,771.00	\$16,732,000.00	January 1, 2016	December 31, 2020	Ongoing
9104	Region of Halton	R2079C Trafalgar Rd Widen 4 to 6 Ln. Upper Middle-Dundas	The design for the widening of Trafalgar Road from Upper Middle Road to Dundas Street, in the Town of Oakville will include a six-lane urban cross section, intersection improvements, raised median and multi-use paths/sidewalks.	\$73,913.00	\$4,104,000.00	January 1, 2016	December 31, 2020	Ongoing
9105	Region of Halton	R2320B Steeles Ave. - Widening D&C	The design for the widening of Steeles Avenue from Industrial Drive to Martin Street, in the Town of Milton will include a 4-lane urban cross section, with flush median, intersection improvements as well as dedicated bike lanes and multi-use paths on both sides of the roadway.	\$237,830.00	\$8,941,000.00	January 1, 2016	December 31, 2020	Ongoing
9107	City of Peterborough	Road Resurfacing multiple Streets (2016)	Surface asphalt grinding and overlay on various roads throughout the City based on the Road Needs Study.	\$1,645,231.63	\$4,312,952.00	March 31, 2016	December 31, 2017	Ongoing
9108	City of Peterborough	New Sidewalk Installations (2016)	This project involves the installation of new sidewalk in various locations throughout the City.	\$259,531.00	\$687,816.00	March 31, 2016	December 31, 2017	Ongoing
9111	Loyalist Township	Front Road Rehabilitation CC061108	Complete rehabilitation	\$767,304.25	\$1,297,723.02	August 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9113	Town of Collingwood	Hume Street Reconstruction	This project involves the complete reconstruction of Hume Street from Hurontario to the Pretty River Parkway. Hume street is the a major thoroughfare through the Town and provides access to the hospital. The project will widen the road to allow for turning lanes, add dual sidewalk/bike paths to connect to the trail system and new traffic signals at 3 intersections on the road.	\$1,424,924.80	\$11,376,341.68	April 7, 2015	October 31, 2016	Yes
9119	Municipality of West Nipissing	Rehabilitation of Dutrisac Rd and Old Highway 17 Rd	This project is for the rehabilitation of Dutrisac Road and Old Highway 17 Road. Old Highway 17 Road is a gravel road that will be resurfaced. Dutrisac Road is a hard surfaced road. It will be broken in phases with ditching and culvert replacement occurring prior to resurfacing of road.	\$43,386.55	\$350,000.00	May 15, 2016	December 31, 2017	Ongoing
9120	Municipality of West Nipissing	Local Roads Rehabilitation 2016	Hot mix resurfacing of Forget, Nadeau, Cache Street, Levac Road, and Bay Road. Granular resurfacing of Sunnyridge, St Joseph, Piquette, Cayouette, and Burnt Lake Roads.	\$846,963.45	\$1,095,314.88	May 15, 2016	November 30, 2016	Yes
9122	Town of Caledon	2015 Bridge Program 15-132	Below is a list of bridges to be repaired or rehabilitated for 2015: Inglewood / McLaughlin / Beech Grove / Humber Glen_Castledeerg Sideroad / Duffy's Lane / Old School Road Culvert	\$208,205.02	\$3,500,000.00	May 1, 2015	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9127	Town of Parry Sound	Reconstruction of William Street with Drainage Improvements	The project includes new storm sewers as well as replacing water and sanitary sewer main pipes, replacement of road surface, new bike lanes, improved drainage of the road system in the area.	\$341,452.23	\$2,847,315.75	February 1, 2016	December 31, 2028	Ongoing
9130	Town of Hearst	Linking Highway 11 corridor pathway to Johnson Lake trail	This project involves the construction of a new connecting link to join existing non-motorized trail to Johnson's Lake Municipal park north of Fontaine Drive and the existing non-motorized paved trail running in an east-west direction south of the Highway 11 corridor bisecting the Town of Hearst. The construction of this connecting link is intended to bring pedestrians and cyclist safely from the paved Highway 11 corridor pathway to the Johnson's Lake trailhead.	\$5,692.32	\$60,270.57	November 2, 2015	December 31, 2016	Yes
9131	Town of Aurora	Road Rehabilitation of Various Streets (2015)	Pavement Condition Index scale is less than 25 for residential roads resulting in the "Failed" category. Road rehabilitations will include curbs, sidewalks, and asphalt.	\$1,322,654.40	\$7,863,900.00	June 30, 2015	December 31, 2018	Ongoing
9134	Township of Wainfleet	#N/A	#N/A	\$193,242.64	\$389,821.91	July 4, 2016	October 31, 2016	Yes
9137	Town of Innisfil	Road Rehabilitation of multiple Streets (2016-2018)	Upgrading of gravel roads to hardtop asphalt surfacing to provide safe and serviceable road pavement that maximize sustainability. These projects improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and water.	\$651,650.96	\$3,612,000.00	December 1, 2015	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9144	Township of Adjala-Tosorontio	Resurfacing of Adjala-Tecumseth Townline	In 2016 the Municipality will be working in Adjala and 1.5km of resurfacing will be done on the Adjala-Tecumseth Townline.	\$93,985.93	\$115,000.00	May 2, 2016	November 30, 2016	Yes
9148	County of Wellington	Resurfacing Wellington Rd 87 to Minto Howick Townline	The scope of the work includes asphalt recycling, paving and shoulder gravel on Wellington Road 87 (WR 87), Hwy 23.	\$1,040,777.50	\$1,190,777.50	May 24, 2016	December 30, 2016	Yes
9149	County of Wellington	Intersection Improvements - Wellington Rd 109 @ Wellington Rd 5	The scope of this project includes the construction of a roundabout at Wellington Road 109 (WR 109) and Wellington Road 5 (WR 5) to address safety concerns.	\$275,000.00	\$1,303,860.60	June 6, 2016	December 30, 2016	Yes
9151	County of Wellington	Wellington Rd 22 Bridge Rehabilitation	The scope of this project includes the repair of bridge fascia, guide rail installation and minor concrete soffit repairs of the Wellington Rd 22 Bridge 022107.	\$92,042.63	\$107,042.63	April 5, 2016	December 30, 2016	Yes
9164	City of Barrie	Reconstruction of multiple Roads (2015)	Road widening and reconstruction including new storm sewer and sanitary sewer construction and sidewalk replacement on Essa Road from Ferndale to Coughlin and Mapleview at 25th and County Road 27. This resulted in approximately 1.2 lane km of new asphalt and 2,022 m of sidewalk, 861 m of wastewater, 276 m of drainage and 725 m of stormwater pipe installation.	\$158,008.30	\$6,008,620.00	January 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9167	Town of Halton Hills	Asphalt Surface Upgrade of 5 SdRd	The existing asphalt surface was distressed and failing in various areas. The road was paved with a bonded wearing course - 11mm thick asphalt overlay product. This is an innovative technology which will extend the life of the existing road base by 7-10 years without having to perform a full reconstruction.	\$7,312.93	\$350,000.00	June 3, 2015	December 31, 2017	Ongoing
9168	City of Guelph	Construction of Salt Storage Facility	Construction of new salt/sand storage facility for Operations department to replace existing facility which is no longer usable due to structural issues. □ Facility improves operational efficiency of road crews as well as reducing the environmental impact of the facility.	\$457,239.25	\$3,627,478.47	January 1, 2015	December 31, 2016	Yes
9176	Township of Alnwick/Haldimand	Resurfacing of Bowmanton, Noonan & Shelter Valley Roads	Resurfacing of Bowmanton Road (1.4 km), Noonan Rd (1.5 km), and Shelter Valley Rd (5.1 km).□	\$191,598.01	\$211,960.00	July 1, 2016	October 1, 2016	Yes
9178	Town of Richmond Hill	2015 Sidewalks and Trails Program	The 2015 Sidewalks and Trails Program implements the recommendations of Richmond Hill's Pedestrian & Cycling Masterplan to construct safe routes for cyclists and pedestrians and to develop connections for people to access local amenities by means other than car.	\$356,164.00	\$2,166,100.00	January 1, 2015	December 31, 2017	Ongoing
9186	City of Cambridge	Sidewalk Infill - 3319 Holiday Inn Dr	Capital Project # 16C010□ Installation of new sidewalks within existing neighbourhoods to improve safety and pedestrian accessibility.	\$137,235.73	\$137,235.73	January 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9187	Municipality of Charlton and Dack	Road Resurfacing & Culvert Replacement (2016)	Road resurfacing and culvert replacement within the Municipality.□	\$4,267.60	\$29,267.60	April 4, 2016	December 31, 2016	Yes
9188	City of Temiskaming Shores	Lakeshore Road Resurfacing from Edgewater Motel to Cottage Road and STATO Trail	<p>Milling and pulverizing of 0.8km of Lakeshore Road from the Edgewater Motel to Cottage Road (including fully paved shoulders on both sides) and STATO Trail.□</p> <p>Placed and compacted 100mm Granular "A" material over pulverized area.□</p> <p>Placed one lift of 50mm Hot Laid Asphalt at a width equal to the existing paved surface (including reinstatement of STATO Trail).□</p> <p>□</p> <p>935m of roadway resurfaced. Existing asphalt milled and pulverized including fully paved shoulders on both sides.</p>	\$671,616.33	\$1,284,720.33	August 10, 2015	December 31, 2016	Yes
9196	Municipality of Bluewater	Replacement of B26 Ausable Line & Repair of B04 Airport Line	Road widening will be completed as part of replacement of B26 on Ausable Line. The existing structure is narrow (6.20m)creating a pinch point at the crossing when two vehicles meet. The culvert has safety issues. The south abutment is off plumb up to 6.5% and north footing has shifted inwards by 120 mm. B04 on Airport Line requires patch repair, extend both ends and install erosion protection.	\$289,160.00	\$353,069.43	July 4, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9203	City of Greater Sudbury	2016 Road Projects	Road projects include road reconstruction, rehabilitation and resurfacing. These projects will increase life span of the infrastructure and reduce energy requirements. Also, projects contribute to cleaner air and/or reduced greenhouse gas emissions and will result in a smoother ride and better fuel economy. Priority setting is based on an overall condition index with criteria: condition rating/cost benefit; safety; economic development; improvement to other City assets; environment/traffic issues.	\$1,143,429.09	\$1,143,429.09	April 1, 2016	December 31, 2019	Ongoing
9207	City of Sault Ste. Marie	Reconstruction of Upton Road	Full reconstruction of the road including sewers, watermain, sidewalk and road surface.	\$194,620.41	\$2,200,000.00	May 4, 2015	December 31, 2016	Yes
9209	City of Sault Ste. Marie	Reconstruction of Huron Street	Full reconstruction of the road including sewers, watermain, sidewalk and road surface.	\$228,381.26	\$2,600,000.00	May 4, 2015	December 31, 2016	Yes
9210	City of Sault Ste. Marie	Reconstruction of McMeeken Street	Full reconstruction of the road including sewers, watermain, sidewalk and road surface.	\$102,212.35	\$1,700,000.00	May 18, 2015	December 31, 2016	Yes
9214	Township of Central Frontenac	Road Resurfacing Henderson & Arden Rds	Removal and replacement of existing hardtop for Henderson Rd. To reconstruct 4km of Arden Road north of the boundary by removing hills, clearing corners for better safety of motorists. We will also be replacing culverts and improving ditching for better flow. Resurfacing is a potential depending on the other costs.	\$280,119.63	\$475,397.74	June 1, 2016	October 21, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9215	County of Prince Edward	Rehabilitation of Danforth Road	Rehabilitation of Danforth Road to include drainage improvements where required. This road has a condition rating of 1 in the County Roads Needs Study and Asset Management Plan.	\$138.50	\$2,250,000.00	May 2, 2016	December 31, 2017	Ongoing
9219	County of Prince Edward	Reconstruction of Lucks Crossroad	Reconstruction of Lucks Crossroad to include drainage improvements where required. This road has a condition rating of 1 in the County Roads Needs Study and Asset Management Plan.	\$11,594.80	\$1,150,000.00	May 2, 2016	December 31, 2017	Ongoing
9228	Municipality of Dysart Et Al	Rehabilitation of Kennaway Road	Rehabilitation and resurfacing of the roadway, including improvement of drainage by installing new culverts where required and improvement of ditching along the roadway.	\$163,049.10	\$213,567.16	May 2, 2016	October 31, 2016	Yes
9234	City of Cornwall	Asphalt Resurfacing (2015)	Federal gas tax was used to overlay 5.4 kilometers of asphalt in poor condition throughout various locations in the City. Where required, 2,185 meters of curbs and 983 meters of sidewalks were replaced or added in conjunction with resurfacing. □ Some of the key streets that saw improvements: McConnell Ave. from Twelfth St. E. to Tollgate Rd; Queen St. from Riverdale Ave. to Robertson Ave.; Montreal Rd. from Danis Ave. to St. Felix St. and Fifth St. W. from Cumberland St. to Bedford St.	\$799,851.91	\$2,254,807.63	January 1, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9235	City of Cornwall	Bicycle Path Asphalt Overlay (2015-2016)	Repairs to the bicycle path, floating bridge and retaining wall.□ The complete bike path was painted with new traffic lines and approximately 1.5K of bike path was resurfaced along Power Dam Drive from 2nd St. to Vincent Massey Dr.□ All the wood decking on the Floating Bridge was replaced and structural repairs were done to the bridge. Seven retaining timbers were replaced on the Retaining Wall and erosion control was undertaken at the base of Louisa and Prince Arthur St. along the waterfront.	\$71,387.23	\$117,828.75	January 1, 2015	December 31, 2016	Yes
9242	Township of Havelock-Belmont-Methuen	Double Surface Treatment at Round Lake Road	3.8 km double surface treatment ditching culverts pulverized and fencing.	\$106,856.56	\$285,110.00	April 1, 2015	December 31, 2016	Yes
9246	Town of South Bruce Peninsula	Gould Street (Pengally to Frank)	Reconstruction of Gould Street (from Pengally to Frank St) in the Town of Wiarton	\$50,000.00	\$1,703,000.00	July 1, 2016	December 31, 2017	Ongoing
9247	Township of Asphodel-Norwood	Reconstruction of Birdsall Line	This project involves ditching, pulverizing or grinding of 3.45 km of road, re-gravelling, re-grading and a double surface treatment, including a culvert replacement.	\$122,859.27	\$133,956.73	May 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9249	County of Northumberland	Roads Rehabilitation	The method of rehabilitation will include milling the existing asphalt surface and stabilizing the road base by using expanded asphalt process. The addition of 2 lifts of Hot Mix Superpave asphalt will increase the GBE road base strength rating. Widening will be completed to accommodate on-road cycling lanes. Cross-fall corrections will be made to improve motorists safety by eliminating water ponding and hydroplaning.	\$2,314,851.00	\$2,314,851.00	May 16, 2016	October 31, 2016	Yes
9256	City of Brantford	Major Road and Service Restoration (2016)	Road portions of the full reconstruction of road, water, sanitary and storm infrastructure on Chestnut Ave, Raleigh St, Sixth Ave, Clara Cres, Henry St, Ivanhoe Rd, Miles Ave, Morning Dew Dr, North Park St, and Twelfth Ave . The need for these projects is driven by the poor condition Wastewater Sewers and engineering input. The total length of all ten road sections restored within this project is approximately 3,350 linear metres.	\$3,897,026.13	\$7,007,320.00	January 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9260	City of Brantford	Road Resurfacing Program (2016)	City wide road restoration and resurfacing program. The projects were identified based on available condition information (PCI<40), number of work orders for cracks and pot holes based on the Minimum Maintenance Standard (MMS) for Municipal Highways, and operational input. All projects identified for resurfacing have been assessed to ensure that the underground and adjacent infrastructure do not require replacement or rehabilitation.	\$170,730.00	\$750,000.00	January 1, 2016	December 31, 2017	Ongoing
9270	City of Brantford	Sidewalk Repairs and Replacement (2016)	City wide sidewalk repairs and replacements.	\$335,000.00	\$500,000.00	January 1, 2016	December 31, 2017	Ongoing
9274	Township of Essa	Road Construction - 11th Line	Road reconstruction, including drainage improvements, spot dig outs of insufficient road base, installation of geotextile matting along the entire road base, placement of 200mm to 600mm of granular "A" and placement of double surface treatment.	\$143,273.89	\$863,074.76	June 1, 2015	December 31, 2016	Yes
9276	Township of Front of Yonge	Lake Street Resurfacing Project	This project included: Culvert replacement, Spot repairs, leveling course applied, and an application of a layer of surface treatment.	\$88,099.51	\$106,494.54	July 4, 2016	December 31, 2016	Yes
9277	Municipality of Middlesex Centre	Replacement of Sharpe (C125) & Fitzgerald (C150) Culverts	The Municipality will be doing a full culvert replacement.	\$530,277.33	\$977,000.00	July 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9278	Municipality of Middlesex Centre	Connor Bridge West B114 Rehabilitation	The Municipality will be rehabilitating the structure including concrete deck repairs, wingwall replacement, new barrier wall railings, repave deck, and install steel beam guide rail.	\$25,953.68	\$800,000.00	July 1, 2016	December 29, 2017	Ongoing
9280	United Counties of Leeds & Grenville	Rehabilitation Rd 20 from Limerick Rd to 1.4 east	Full depth reclamation of pavement and underlying granular. Remove and install corrugated steel pipe 2000mm X 24000mm, granular "B" Type II, granular "A", and HL4 Warm Mix surface course, 50mm depth X 7 m wide	\$673,625.58	\$879,074.13	August 2, 2016	December 14, 2016	Yes
9285	United Counties of Leeds & Grenville	Rural Overlay - Rd 5, 15,17,18,20, and 33	Rd 5 from Road 8 to Hwy 15 consists of Hot Mix HL3, 40mm D X 7 M W including Tack Coat and Granular "M" Shouldering. □ Rd 15 from Hwy 401 to Rd 26 consists of Hot Mix HL3, 40mm D X 1.5 m W including Tack Coat and Granular "M" Shouldering. □ Rd 17 from Kitley S Elmsley Line to S. Limit Smiths Falls consists of Hot Mix HL3, 40mm D X 7m W. □ Rd 20 consists of Hot Mix Ultra Thin Tight Blading with Tack Coat, Hot Mix HL3 and Granular "M" shouldering.□ Rd 18 from W. Limit of Oxford Mills, Beach Rd □	\$1,198,590.22	\$1,471,731.93	May 18, 2016	October 3, 2016	Yes
9286	County of Oxford	RR Rehab 2016	Road resurfacing to various sections of Oxford County Roads including shouldering to improve ride and drainage. This will help to reduce travel times and fuel consumptions.	\$3,215,000.00	\$3,450,719.13	May 1, 2016	October 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9291	City of Clarence-Rockland	Bridges Repair (2016)	Minor bridge repairs identified □ · Guiderail replacement on deck and approaches including new end treatments for Cobbs Lake Bridge□ · Supply and install new steel flex beam on approaches and over the structure for Pilon Road Culvert □ · End treatment replacement for Henrie Bridge□ · Fix broken gabion basket and broken handrail on deck barrier for Tucker Road Bridge□ · membrane protecting concrete bridge deck □	\$87,149.33	\$87,149.33	May 2, 2016	February 10, 2017	Ongoing
9293	Township of MacDonald, Meredith & Aberdeen Add'l	2016 Surface Treatment of Portion Echo Lake Road, Portion Cemetery Road and Portion Bar River Road	Portion Echo Lake Road., Portion Cemetery Road and Portion Bar River Road being surface treated to reduce maintenance therefore reducing gas emissions.	\$86,000.00	\$194,972.81	July 4, 2016	December 31, 2016	Yes
9295	Township of Zorra	Paving of Road 74 - 23rd Line to 27th Line (Project 742327)	Hot mix asphalt paving on Road 74 between 23rd Line to 27th Line, Zorra Township.	\$155,500.00	\$364,682.91	June 1, 2016	December 31, 2016	Yes
9296	Township of Zorra	Renewal of Bridge 035 - Rowland Rutherford Bridge	Expansion joints repaired; overlay and concrete repairs.	\$89,500.00	\$97,824.25	May 2, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9301	Township of West Lincoln	Pulverize and DST Young St & Westbrook Rd	Both streets identified in the Road Needs Study as requiring attention 'Now'. Young St has an AADT of approx. 800 vehicles and serves as a major east-west connector road. The work is from Grimsby Rd (Reg. Rd 12) to Grassier Rd. Westbrook Rd is a major north-south corridor with an AADT of up to 1000 vehicles. Rehab is from Conc. 1 Rd to Conc. 3 Rd. The work is to pulverize the existing surface, complete granular base repairs, and double surface treatment.	\$416,125.32	\$468,109.30	January 1, 2016	December 31, 2016	Yes
9308	County of Huron	Resurfacing County Road 12 - Walton to Seaforth 16-301	The proposed project is a 14.4 km stretch of County Road 12 - Walton to Seaforth. County Road 12 was identified through the AMP and its condition rating as requiring surface rehabilitation. In order to preserve and extend the useful life of the road, the project will include Cold In-Place recycling and the placement of hot mix asphalt pavement. Recycling the existing asphalt will improve the quality of the environment through reduced greenhouse gas emissions vs. Complete road replacement.	\$1,796,828.00	\$2,069,386.93	May 24, 2016	November 10, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9309	County of Perth	Perth Road 180 Repaving from north end of Staffa to south end of Dublin	Project is 7.2 km from north end of Staffa to the south end of Dublin. Some sections are structurally inadequate and the road is failing, with AADT of 1660 and links to Hwy 8 north of Dublin. A 2014 engineering geo-technical investigation recommended pulverizing the existing asphalt, adding 100 mm of granular material and 2 lifts of asphalt. This will remove the ruts/cracks/deterioration and increase the current Granular Base Equivalency of the road by approx. 350 mm.	\$1,142,278.04	\$1,850,000.00	April 28, 2016	August 31, 2016	Yes
9314	Municipality of Magnetawan	Road Construction- Nipissing Rd S.- 2 Sections-Ahmic Lk Rd W- Mary St to Newell Lk Rd	The municipality is ditching, replacing culverts and applying 2" of granular A to two sections of Nipissing Road South totaling 8.3km and a section of Ahmic Lake Road totaling 9.9km	\$160,582.45	\$160,582.45	August 15, 2016	November 30, 2016	Yes
9317	Town of Grimsby	Hot Mix Program (2016)	The Town's annual hot mix program, which rehabilitates asphalt surfaces, protects pavement structure from more costly reconstructions and improves the rideability and safety of the road surface. Includes base repair, milling and hot mix asphalt overlay. Rehabilitation and replacement of curbs and culverts are performed as required.	\$362,442.87	\$362,442.87	May 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9318	Town of Grimsby	Cold Mix Program (2016)	The Town's annual cold mix program, which rehabilitates asphalt emulsion surface treatment(tar & chip) surfaces, protects road structure from more costly reconstructions and improves the rideability and safety of the road surface. Includes hot mix asphalt spot padding prior to surface treatment and Asphalt emulsion "surface treatment" (tar & chip).	\$292,000.00	\$519,480.53	May 1, 2016	December 31, 2016	Yes
9319	Town of Renfrew	Highway 60 Rehabilitation from Gillan Road to Hall Ave E	The project is for the rehabilitation/upgrade to a 1.65 km section of Highway 60 in the Town of Renfrew. Work will remediate the roadway to current standards and includes improvements to existing sidewalks structures, as well as new sidewalks and active transportation structures.	\$240,612.01	\$3,067,638.00	May 2, 2016	December 30, 2016	Yes
9320	Town of Renfrew	Plaunt Street South Rehabilitation from Hall Ave East to Railway Ave	This project is for the reconstruction of Plaunt Street South, including upgrades to the water mains, sanitary and storm sewers and associated road work.	\$256,088.44	\$2,035,635.00	May 16, 2016	December 30, 2016	Yes
9321	Municipality of Tweed	Resurfacing of Quin-mo-Lac Road & Crookston Road	The Gas Tax Funding will be used this year to resurface the Crookston Road with 8 kms of asphalt, resurface the Quin-mo-Lac Road with 8 kms of tar & chip and resurface a bridge on the Sulphide Road with asphalt.	\$635,900.40	\$2,248,014.14	June 30, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9322	United Counties of Prescott & Russell	Resurfacing parts of County Roads 5, 8, 17, 19 & 24	Road resurfacing of different county roads. Some the asphalt will be recycled and most of them will be a straight overlay of the existing asphalt. Roads improved are County Roads number 5, 8, 17, 19 and 24.	\$1,901,027.15	\$2,503,365.35	May 9, 2016	December 23, 2016	Yes
9324	Township of Otonabee-South Monaghan	Crowley Line Reconstruction from Baseline to City Limit	Reconstruct approximately 4.5 km on Crowley Line from Baseline to City Limit. The proposed roadwork will involve reconstruction of the existing road granular, drainage improvements to roadway platform width, provision of hard wearing surface (surface treatment together with installation of new culverts).	\$217,750.00	\$294,357.39	June 1, 2016	December 31, 2016	Yes
9325	Township of Otonabee-South Monaghan	Baseline Reconstruction from Crowley Line to Bensfort Rd	Reconstruct approximately 1.3 km on Baseline from Crowley Line to Bensfort Rd. The proposed roadwork will involve reconstruction of the existing road granular, drainage improvements to roadway platform width, provision of hard wearing surface (surface treatment together with installation of new culverts).	\$40,485.00	\$49,343.62	June 1, 2016	December 31, 2016	Yes
9326	Township of The North Shore	Surface Treatment of Lau Camp Road	The municipality assumed ownership of the first km of the previous privately owned Lau Camp Road. The road was brought up to municipal standards in 2015 with a gravel surface. In order to preserve the condition of this new road, the municipality will be double surface treating the first, municipally owned, kilometer	\$25,000.00	\$50,000.00	August 1, 2016	September 16, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9327	County of Elgin	Furnival Road Rehabilitation	Furnival Road between the Village of Rodney and the Thames River, being a total length of 11.5km will be recycled in place with expanded asphalt material (CIREAM). The recycled road will then receive a top lift of hot mix asphalt to act as the new wearing course. New granular shoulders will be installed after the asphalt has been placed.	\$1,506,660.20	\$2,250,000.00	May 16, 2016	November 25, 2016	Yes
9328	City of Timmins	Birch St North Reconstruction (Algonquin to Sixth)	Birch St. N reconstruction from Algonquin Blvd. to Sixth Ave. involves the removal of existing underground infrastructure and installation of new watermain, sanitary sewer and storm sewer. New sanitary and water services will be installed to each property line at each house. Existing asphalt, curb and sidewalk will be removed and replaced with new asphalt, concrete sidewalk and curb.	\$1,472,092.43	\$1,472,092.43	May 1, 2016	December 31, 2017	Ongoing
9329	City of Timmins	St. Jean Road Construction	St. Jean Road Construction from Lionel Gauthier School to McBride includes the installation of new concrete curbs, sidewalks and asphalt roadway along the entire project limits. Light standards installation is also included as part of the project. Grading of existing ground in the right of way and sodding of the boulevards shall also be completed as part of the project.	\$405,481.16	\$570,000.00	May 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9330	Town of Smiths Falls	Sidewalks - Foster Ave & Lombard St.	This project is for the reconstruction of Foster Ave. consisting of two blocks of infrastructure replacement due to poor conditions + sidewalk replacements including enhancements for accessibility. Also additional sidewalk/curbs on Lombard St. for accessibility as well.	\$98,479.33	\$1,734,746.53	May 31, 2016	December 31, 2016	Yes
9332	Town of Smiths Falls	Road Restoration/Resurfacing	2016 Road Restoration/Resurfacing projects will utilize federal gas tax funds to address rehabilitation of several roads through asphalt preservation techniques. We will be working on Gilroy St. (from Roosevelt Dr. to Lorne St.; Churchill to Roosevelt and McKenzie to Churchill) and Rideau Ave. N. (McDonald to 40 m north of McDonald; 40 m north of McDonald to Cornelia St. E.; Stephen to McDonald)	\$102,565.32	\$298,710.07	June 17, 2016	December 31, 2016	Yes
9336	Municipality of South Bruce	Huron Bruce Road Pad & Pave	Excavate, Pad & Pave 2 km on Huron Bruce Road from County Road 28 to Toll Gate Road.	\$172,842.00	\$181,210.28	March 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9337	Town of Gravenhurst	Area Gravel Road Improvements	Several area gravel roads in their existing state are heaving and have a significant accumulation of potholes. The lack of adequate base material has created an extremely uneven non-uniform driving surface. The Project will entail the placement of additional granite crusher run base material complete with surface grading. The project will cover the portions of the following 6 roads; Same Cook, Ben Lake, Musquash, Merkley, Clipsham & Pinetree. A total of 7 km of road way will be improved.	\$166,246.28	\$352,110.80	May 23, 2016	December 31, 2016	Yes
9340	Village of Burk's Falls	Yonge Street Bridge Replacement	The Village of Burk's Falls is replacing the existing Yonge Street Bridge, originally constructed in 1927. The bridge serves as a vital transportation link to the areas east of the municipality and in particular the Landfill site that serves 3 municipalities. □ The project scope will include increasing the bridge size to a two lane structure from the current one lane structure, additional street lighting, improved sidewalk structure and proper drainage.	\$180,620.96	\$2,199,841.30	May 16, 2016	March 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9341	Town of Mono	Paving of 10 Sideroad (Highway 10 to Hurontario St.)	This was a 2014 gas tax project where the Town of Mono commenced with the transformation of a gravel road to a paved surface thus reducing greenhouse gas emissions. The Town of Mono always waits a year or two after a rebuild from gravel to pavement for settling to occur. This project is now ready to be taken into the final application of top lift of HL3 asphalt. This will start the useful lifecycle of this asset.	\$96,221.54	\$96,221.54	May 31, 2016	December 6, 2016	Yes
9342	Town of Lincoln	Road Resurfacing of multiple Streets (2016)	Road resurfacing of 8.4 lane kms. includes pulverizing existing hard top surface and mixing with additional granular "A" aggregate for strengthening of road base and applying a Double Surface Treatment seal directly to road surface. Road resurfacing of 13.2 lane kms. using pavement preservation strategy of applying a Single or Double Surface Treatment seal directly to road surface. Isolated roadside drainage improvements will be completed prior to road resurfacing.	\$613,013.76	\$1,388,400.00	May 1, 2016	December 31, 2016	Yes
9343	Village of Merrickville-Wolford	Ireland Rd & Snowdon Co Rd Resurfacing	Pulverize and resurface 2.725 km	\$226,627.61	\$261,364.72	May 31, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9348	Township of Perry	Bay Lake Road Improvements	Bay Lake Road is scheduled for single lift surface treatment. Minor profile corrections are required along with some drainage repairs. the new surface will aid in extending the life of the road surface and increase the efficient travel of vehicles.	\$139,880.15	\$139,880.15	June 1, 2016	December 31, 2016	Yes
9349	Township of Lake of Bays	Golf Course Road Rehabilitation	The work comprises of the rehabilitation of 2.5 km of Golf Course Road from Highway 60, 2.5 km southerly, in the Township of Lake of Bays. The work includes in-place full depth reclamation of bituminous pavement and underlying granular, grading, granular materials, double surface treatment, geotextile placement and all other work necessary for a complete job.	\$175,000.00	\$345,188.39	June 13, 2016	September 15, 2016	Yes
9350	Town of Saugeen Shores	Bruce Street Reconstruction - Falconer to Johnson	Bruce Street Reconstruction - Project will reconstruct the collector designated road to a proposed 9.5m wide cross section. New sidewalk(s) to be installed, trunk storm sewers, sanitary sewer replacement and Watermain replacement. Based on available condition ratings within the project limits, each core asset is in need of attention. □	\$245,000.00	\$939,010.45	May 16, 2016	December 31, 2017	Ongoing
9351	Township of East Hawkesbury	Hot Mix Overlay Concession 2 Road	Apply HL4 asphalt overlay on existing asphalt in very poor condition on Concession 2 Road from County Road 14 westerly for 2.4 kms.	\$111,980.75	\$136,680.15	May 9, 2016	May 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9352	Village of Sundridge	Market McDermott Barrie Park Streets Resurfacing	Surfacing of Market, McDermott, Barrie and Streets with reclaimed asphalt and application of reclamite sealant, Gravel and grading of Park street to set grade and crown, Storm sewer drainage culvert repair on Market Street North and on Public Works yard	\$29,254.34	\$46,355.84	May 24, 2016	December 31, 2016	Yes
9353	Town of Saugeen Shores	Road rehabilitation and Resurfacing (2016)	Rural Road Rehabilitation Project - Project will support the ongoing rehabilitation of the rural road network. □ □	\$150,000.00	\$169,055.60	August 2, 2016	December 31, 2017	Ongoing
9354	Township of Harley	Garden Road - Gravel Resurfacing	This project consist in ditching both side of Garden Road and providing with a lift of gravel on to 3.2 km.	\$31,214.00	\$59,263.00	July 4, 2016	August 31, 2016	Yes
9356	Township of Kerns	North Quarry Rd - Gravel Resurfacing	To crushed gravel and to haul and spread over North Quarry Rd from Hwy 65 West to Wabi Pit Line.	\$21,829.00	\$51,185.00	August 1, 2016	November 11, 2016	Yes
9358	Township of Hudson	Pipeline Road - Gravel Resurfacing	This project consist in crushing gravel and to haul and spread it on Pipeline Road from Hwy 65 West to Uno Park Road.	\$28,943.83	\$51,185.38	July 4, 2016	November 11, 2016	Yes
9359	Township of Madawaska Valley	Wilowski Drive - Hot Mix Paving	1 kilometre of road base construction and shouldering and 1 kilometer of hot mix paving on Wilowski Drive. This project improves the safety of the road network for 35-40 household and improves the environmental impacts of washouts to the nearby Paugh Lake.	\$100,000.00	\$112,487.09	May 2, 2016	September 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9360	Township of Madawaska Valley	Old Barry's Bay Road - single surface treatment	Old Barry's Bay Road single surface paving of 2 kilometers in 2 locations along the road. This project addresses a serious safety concern by improving corners along the roadway which has a high traffic volume within the community.	\$23,000.00	\$49,542.37	May 2, 2016	June 30, 2016	Yes
9363	Township of McKellar	Hurdville Road Reconstruction and Double Surface Treatment	The project entails the reconstruction and double surface treatment of Hurdville Road for approximately 3.1 kilometres of roadway. Culverts to be replaced where necessary, ditches reshaped and a lift of gravel and double surface treatment to be undertaken	\$135,800.00	\$330,286.04	June 20, 2016	September 30, 2016	Yes
9366	Township of Brudenell, Lyndoch and Raglan	Road Resurfacing (2016)	Single surface treatment will be applied to a 2.8 km section of Keller Road. Single/Double surface treatment will be applied to a 3.4 km section of Riverbend Drive.	\$40,661.69	\$112,475.46	June 15, 2016	July 30, 2016	Yes
9369	Township of Carlow/Mayo	Road Rehabilitation - Fort Stewart Road Resurfacing	This project includes: applying a single surface treatment to distressed areas as required then applying a double surface treatment to the full length of Fort Stewart Road approx. 9.3 km	\$105,000.00	\$332,475.00	June 21, 2016	July 11, 2016	Yes
9371	Township of Tyendinaga	Resurface Old Hwy 2 1/3	Resurface 3 km of Old # 2 with slurry seal finish and a small amount of grinding.	\$141,729.00	\$150,000.00	June 27, 2016	December 31, 2016	Yes
9372	Township of Tyendinaga	Reconstruct Shannon Rd	Reconstruct Shannon Rd from Shannonville Rd to Boldericks Bridge - surface treatment to be applied later.	\$106,113.00	\$120,000.00	August 1, 2016	July 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9381	Municipality of Clarington	Pavement Rehabilitation (2016)	The purpose of this project is to extend the life cycle of road pavement structures with asphalt overlays in conjunction with asphalt base repairs such as cold milling, joint sealing and full depth crack repair. Some projects will reconstruct the road to an urban standard including underground services, concrete curb, new road base and base asphalt.	\$2,416,828.28	\$4,066,583.54	July 4, 2016	December 31, 2017	Ongoing
9390	Township of Carling	Tar and Chip local roads	The Township has invested in moving from gravel surfaced to a hard surface of the local roads with higher traffic volume to improve drivability, safety, fuel economy and reduced maintenance that lowers the carbon foot print. The project involves hard asphalt paving of roads that have sufficient road base or tar and chip for road bases that are not able to properly support asphalt. This years project involves applying tar and chip to 9 km of road in Carling Township.	\$150,291.00	\$270,881.75	July 7, 2016	October 31, 2016	Yes
9391	Township of Stone Mills	North Beaver lake Road Resurfacing	single application of Surface treatment to a Road and Rehabilitation of the road.	\$23,625.00	\$29,288.25	July 15, 2016	December 31, 2016	Yes
9393	Township of Stone Mills	Denridge and German Road Surface treatment	Changing from a Gravel Road to a Surface treated road will receive a double treatment due to high volumes of traffic and should reduce the maintenance Cost and the emissions on these roads.	\$42,228.00	\$74,759.20	July 15, 2016	December 31, 2016	Yes
9395	Township of South Glengarry	Pulverize and Pave - Airport Road and Purcell Road	Pulverize and Pave	\$391,000.00	\$404,804.28	July 7, 2016	August 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9396	Municipality of East Ferris	Resurfacing of Corbeil Road (2016)	Corbeil Road is 6.8km long, 2 lane Highway, Class 3, main arterial with severe wheel ruts and surface cracking throughout. The proposed work is to first use asphalt padding to correct wheel rutting. The final stage will be to seal the surface using geotextile reinforcing membrane as a SAM layer. Wear course will be a surface treatment with emulsion. This strategy will provide structural reinforcement to the upper asphalt layer while the sealing process will prevent surface rain infiltration.	\$289,803.15	\$421,797.94	July 11, 2016	October 13, 2016	Yes
9399	Town of Kirkland Lake	Road Rehabilitation 2016	Spot and Section repairs and resurfacing to provide safe and serviceable roads. Road rehabilitation projects improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and cleaner water.	\$49,999.81	\$49,999.81	April 1, 2016	November 7, 2016	Yes
9400	Township of Casey	Promenade Rd Surface Treating	This project consist in laying a single application of Surface treatment, over Promenade Road, from the Development Rd to Belle Vallee Rd.	\$25,000.00	\$45,400.00	July 18, 2016	September 30, 2016	Yes
9401	Township of Casey	Development Rd Surface Treating	This project consist in laying a single application of Surface treatment, over Development Road, from Promenade Road going easterly for 2.4 kilometres.	\$25,000.00	\$62,375.00	July 18, 2016	September 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9404	Town of Plympton-Wyoming	Hickory Creek Slope Rehabilitation on Hillsboro Road	Hickory Creek Rehabilitation consists of repairing the slope to stop it from sliding. If this slope were to fail, it could comprise the municipal forcemain and the municipal watermain below. Safety of our infrastructure is significant.	\$366,035.05	\$500,000.00	May 2, 2016	December 31, 2017	Ongoing
9408	Town of Greater Napanee	Rehabilitation of Roads 2015	The rehabilitation and renewal of our local roads will increase the value and useful life of our roads infrastructure and help with the efficient movement of traffic.	\$686,539.42	\$1,200,000.00	March 31, 2015	November 30, 2016	Yes
9409	Township of Beckwith	Reconstruction & Paving of Scotch Corners Rd	The road work in Scotch Corners Rd (end to Sinclair Cemetery & Pin 1079 to 1350) of about 3.1 km will consist of pulverizing, grading and compacting existing surface, culvert replacement or improvement, placement, levelling and compaction of required Granular A crushed rock, and preparing final road grade for the supply and application of the surface treatment.	\$243,715.00	\$624,501.40	August 2, 2016	December 16, 2016	Yes
9410	Township of North Stormont	Bridge Replacement 2016 (Macdonalds Grove Rd, Courville Rd, Concession Rd 12 etc.)	The project includes the replacement of concrete structures with corrugated steel pipes.	\$114,534.30	\$114,534.30	July 4, 2016	December 31, 2016	Yes
9411	Township of North Stormont	Eighth Road Reconstruction and Drainage Improvement	Road rehabilitation of 8th road with 2.40 lane kilometres of repaired road and 2.40 lane kilometres of replaced road. Road rehabilitation of 8th Road improved road conditions and improved drainage for 2,000 residents.	\$105,770.89	\$105,770.89	August 4, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9412	Township of North Stormont	Road Resurfacing at Various Locations (Cumming Rd, Macdonalds Grove, Concession Rd, etc.)	Resurfacing of roads with surface treatment and asphalt overlay.	\$141,906.27	\$141,906.27	August 4, 2016	December 31, 2016	Yes
9415	Township of Conmee	Rehabilitation of Hume Road	Complete rehabilitation of Hume Road. Hume Road is located as a feeder road directly off Highway 11/17 and was identified through professional engineers as needing to be rehabilitated and identified in the Asset Management Plan as the priority road for 2016.	\$46,068.98	\$46,068.98	July 1, 2016	December 31, 2016	Yes
9421	Township of Conmee	Bridge Rehabilitation/Repair (2016)	Bridge Repairs include replacement of bearings, timber curbs, guardrails, markers, posts, concrete as well as remove vegetation and re-grade shoulders on two bridges. Bridge 1 - Pokki Road and Bridge 2 - Enders Road.	\$34,849.24	\$34,849.27	June 1, 2016	December 31, 2016	Yes
9422	Township of Athens	Rehabilitation of Henry Street	This project involves removing existing asphalt sidewalks and replacing them with concrete, adding catch basins with new drainage pipe as well as adding backyard basins to catch surface water and repairing bad street asphalt. Padding back the asphalt and overlaying approximately 600 metres (entire street) with HL4 asphalt.	\$94,797.13	\$125,232.88	August 22, 2016	December 30, 2016	Yes
9425	Township of Tiny	Surface Treatment, Ellery Sideroad, Concession 4East	Addition of SST & DST for local roads to help prolong and increase life expectancy.	\$130,145.06	\$163,645.06	May 31, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9427	Township of Mulmur	2nd Line & 3rd Line Ditching (2016)	The Township ditched the sides of these two roads to improve the run off from the roads and extend the life of the roads. Before ditching was done the ditches were not visible.	\$23,430.24	\$23,430.24	September 6, 2016	December 8, 2016	Yes
9428	City of Orillia	Fittons Road Reconstruction (Project 03200)	The project involves reconstruction of 250 metres of deteriorating road and related underground sewer and watermain. The watermain is 50 years old and is susceptible to corrosion, fracture and joint failures. An important aspect of the road portion of the project is to remove a 'hump' caused by an abandon railway crossing which causes a driving safety hazard and poor traffic efficiency.	\$1,000,000.00	\$1,466,000.00	April 11, 2016	October 31, 2017	Ongoing
9429	City of Orillia	Elmer Avenue Reconstruction (Project 03213)	The project involves replacing 280 metres of roadway and underground servicing of Elmer Avenue from Westmount Drive to Dallas Street. The project includes replacement of a failing sanitary sewer, deteriorated road surface and an approximately 60 year old water main. The project will improve the road surface, lending towards safer and more efficient transportation, and improve reliability of the water and sewer infrastructure.	\$496,000.00	\$1,159,000.00	March 29, 2016	October 31, 2017	Ongoing
9430	Township of McMurrich/Monteith	Almaguin Drive Resurfacing	Remove existing surface treatment, add gravel, clean ditches, replace culverts and apply double surface treatment to Almaguin Drive.	\$77,163.48	\$120,927.76	August 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9433	Town of Thessalon	Roads Routing, Cleaning and Sealing	This GTF project consisted of routing, cleaning and sealing 4000 meters of cracks on Dawson Street, Water Street, Barbara Street and Lighthouse point.	\$12,007.68	\$12,007.68	May 19, 2016	December 31, 2016	Yes
9434	Township of South Algonquin	Mill Street & First Avenue - Resurfacing and Drainage Improvements	The existing hard surface has failed and requires resurfacing. Some minor drainage improvements are required to eliminate water ponding from the road way and adjacent residential properties. The rehabilitation work includes the removal of existing asphalt material, development of new engineered grades, replacement of three existing culverts, placement and compaction of new granular material, installation of new hot mix asphalt pavement and restoration of affected areas.	\$70,000.00	\$144,892.63	May 17, 2016	July 15, 2016	Yes
9435	Town of Essex	Gesto Sideroad Phase 1, North Side (PW-16-0015)	Rehabilitation of Gesto Sideroad. It is intended that this is phase 1, and will be the North Side.	\$90,480.00	\$200,000.00	July 1, 2016	December 31, 2017	Ongoing
9436	Town of Essex	12th Concession Road Work (PW-16-0014)	Maintenance work including the repair and rehabilitation of 12th Concession between County Road 11 and North Malden Road.	\$115,000.00	\$172,866.00	June 1, 2016	December 31, 2016	Yes
9437	Township of O'Connor	Sitch Road Gravel Resurfacing	Gravel Resurfacing of 3.2 km of Sitch Road between Connolly Road and Earl Road with application of Calcium Chloride.	\$37,288.28	\$44,000.00	May 30, 2016	June 2, 2016	Yes
9438	Township of Wollaston	The Ridge Rd/N Steenburg Lk Rd rehabilitation	Pulverize existing surface, replace culverts, add Granular A and apply double surface treatment/chip seal	\$83,557.79	\$1,228,939.45	August 15, 2016	September 19, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9439	Town of Deseronto	Road Rehabilitation /Road Resurfacing (2016)	The entire distance of First St. from Dundas St. to Main St. will be completely rehabilitated including sidewalk on the west side, curb and gutter on the east, watermain replacement, road widening, intersection re-design, road widening and new asphalt. □ The entire distance of St. George St. from Dundas St. to Main St. will reconstructed. The existing asphalt will be removed and resurfaced including a re-established proper crown and new sidewalks and catch basins on the south west section.	\$177,252.13	\$237,252.13	September 26, 2016	June 30, 2017	Ongoing
9440	Municipality of Shuniah	East Loon Road Asphalt and Surface Treatment	Select drainage works and surfacing of East Loon Lake Road	\$227,144.50	\$302,000.00	July 7, 2016	October 31, 2016	Yes
9441	Municipality of Shuniah	Replace/Upgrade Culvert Spruce River Road	Replace major culvert crossing Spruce River Road. Culvert taken out by major storm but repair amount is not high enough to be covered under the Disaster Recovery Program.	\$22,855.50	\$25,000.00	June 14, 2016	August 4, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9443	Township of Opatatika	Road Resurfacing of Government Road & other streets (2016)	Patches of asphalt were saw-cut and removed along with unsuitable base material to eliminate bumps and holes over culverts and around manholes caused by frost and erosion over the years. Granular A was added and compacted to rebuilt the base at 2 inch depth. Asphalt pavers and rollers were used to spread and compact 50 mm (2 inches) of SP 12.5 hot mix asphalt. This will prevent damages to vehicles, lower the risk of accidents and prevent future costly repairs.	\$23,913.60	\$23,913.60	October 17, 2016	December 31, 2016	Yes
9444	Township of Tay	Pine Street Reconstruction from Walnut Street to Fallowfield Lane	Reconstruction of Road from Walnut Street to Fallowfield Lane, including new hot mix asphalt surface; replacement of storm sewer system; new concrete sidewalk to connect village with developments near Highway 12. New concrete curb and gutter.	\$296,005.40	\$709,558.26	June 1, 2015	June 30, 2016	Yes
9453	County of Simcoe	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 for a total distance of 7 kilometres in addition to rehabilitating the Tea Lake Bridge. The reconstruction of County Road 17 will provide a road platform width of 11.5 metres consisting of a 3.75 metre wide lane and a 2.0 metre wide shoulder in each direction.	\$3,191,663.00	\$17,600,000.00	August 10, 2015	December 21, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9455	County of Simcoe	Microsurfacing various County Roads (Rainbow Valley Rd, Orr Lake Rd, Whetham Rd etc.)	Microsurfacing the existing surface of various County Roads to increase the life expectancy & increase the friction to improve pavement safety	\$1,574,494.43	\$1,574,500.00	May 1, 2016	December 31, 2016	Yes
9456	County of Simcoe	Cold in Place Recycling - Various Roads (Shore Acres Dr, Flos Rd 3, Concession Rd 5 etc.)	The Asphalt surface is cracked and rutted and deficient. The planned work will resolve the deficiencies	\$2,972,959.97	\$3,546,738.38	May 1, 2016	December 31, 2016	Yes
9457	Township of Bonnechere Valley	McGrath Rd Rehabilitation - Opeongo Rd to Hwy 41	For a distance of 6.8 km the Township of Bonnechere Valley will change several culverts, pulverize existing surface, add 150 mm of A Gravel and add with a double surface treatment. The road was also widened from 6.1 m to 7.3 meters to address public health and safety issues with regards to vehicle and bicycle traffic.	\$113,136.98	\$385,424.16	June 6, 2016	October 25, 2016	Yes
9458	Township of Bonnechere Valley	Gravel Applied on Township Roads in 2016	The Township of Bonnechere Valley hired a Contractor to purchase and apply gravel to our roads as listed above. Roads that gravel was applied to are Corrigan, Risto, Dinnigan, Miller, Fiebig, Contant Lake, Boldt, Watson, Sutherland, Harry Dick, Bochert, Heideman and Donegal	\$65,726.50	\$71,871.68	May 16, 2016	July 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9459	Town of Gore Bay	Paving of Range, Meredith & Water Street	The project is to pulverize, regrade and pave from the intersection of Water & Main Streets to the intersection of Water & Bay Streets and from the intersection of Water & Bay Streets to the intersection of Bay & Agnes Streets a distance of .3 km; Range Street from the corner of Main Street to the intersection of Range & Hall Street .5 km; Meredith Street 110 m.	\$46,582.45	\$167,802.34	October 13, 2016	November 1, 2016	Yes
9460	Town of Orangeville	Faulkner Street Rehabilitation - Elizabeth to McCarthy	Replacement of the existing 100 mm diameter water main on Faulkner Street as it is undersized and requires 150 mm piping. Approximately 120 m of water main will be replaced including new water services within the right-of-way, new fire hydrants and water main valves. In addition, the roadway will be reconstructed upon completion.	\$142,517.30	\$350,000.00	June 30, 2015	December 31, 2017	Ongoing
9463	County of Simcoe	Road Rehabilitation of Mara Carden Boundary Rd - Mill and Overlay	The asphalt is cracked , rutted and deficient. All deficiencies are resolved by the improvements	\$205,469.14	\$820,000.00	May 2, 2016	December 30, 2016	Yes
9465	Township of Montague	Rosedale Rd North Micro-surfacing	Supply and place double coat of type II micro-surfacing on Rosedale Road North.	\$259,000.00	\$309,179.30	July 4, 2016	December 2, 2016	Yes
9467	Township of North Dundas	Road Rehabilitation multiple Streets (2016)	Base reconstruction on Armstrong from County Road 31 to the of Armstrong for a distance of 1.9km, Base Reconstruction on Harmony from County Road 31 to the end of Harmony for a distance of 1.7km. Resurface of Rodney lane from Ormond road to Marionville Road for a distance of 1.4km.	\$341,401.46	\$343,850.84	June 6, 2016	August 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9469	Township of Morley	Stabilization of Brown Road Shoulder Slide	The Brown Road Shoulder slide was falling in. Blast rock and gravel was delivered to stabilize the road base to prevent further shoulder slide and bring the road grade back up to standard. The existing damaged culvert was also replaced.	\$3,002.45	\$3,002.45	August 26, 2016	December 31, 2016	Yes
9471	Township of Nipissing	Single Surface Treatment Marion Drive, Alsace Road and Lake Nipissing Road	A single surface treatment was applied to 1.15 km of Marion Drive, 1 km of Alsace Road and 1.2 km of Lake Nipissing Road.	\$69,517.34	\$77,195.95	June 7, 2016	August 9, 2016	Yes
9475	City of Pickering	Roads Resurfacing Project-2016 (Shadybrook Drive, Eyer Drive, Stonepath Circle, Canso Drive, etc.)	The 2016 Roads resurfacing project included the following streets: Shadybrook Drive, Eyer Drive, Stonepath Circle, Canso Drive, Glenanna Road, McPherson Crt, and The Esplanade North. Removed asphalt will be reclaimed and reused. Existing granulars will remain in site, therefore no requirement to mine/process/transport new aggregates. Resurfacing extends the life of the asset. Improved surface reduces GHG emissions due to improved fuel economy. □	\$798,106.32	\$996,846.32	June 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9476	City of Pickering	Sidewalks & Walkways Rehabilitation 2016-2017(Finch Ave to Lydia Crs and Longbow Dr to Rowntree Crs)	Walkways: Replacement of deficient asphalt pathways to allow safe pedestrian travel as an alternate mode of transportation within the community for Finch Ave to Lydia Crs and Longbow Dr to Rowntree Crs.□ Sidewalks: Removal and replacement of existing concrete sidewalks in numerous locations in the city (Whites Road, Baylawn Drive, Valley Farm Road, Foleyet Cresc.).□	\$140,406.01	\$490,000.00	August 31, 2016	December 31, 2017	Ongoing
9492	Town of Kingsville	Widening and Reconstruction of Lakeview Avenue	The Lakeview Avenue project included the following: Approx. 500m of 150mm diameter water main including appurtenances and services. Approx. 400m of storm sewer including manholes, catchbasins and connections. Complete road reconstruction including curb and gutter as well as asphalt paving with curb and gutter. Approx. 400m of concrete multipurpose pathway 2.5m in width and 150mm thick. Complete restoration of the project including landscaping and driveway and streetlight replacement.	\$994,302.61	\$1,235,690.61	February 16, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9493	Town of Kingsville	Road Resurfacing of multiple Streets (2016)	Resurfacing of local roads with reinforced asphalt. Road 2E from Division to Kratz – Approx. 1775m of 50mm milling and HL3 surface asphalt with the addition of 1.5m bike lanes on both the east and westbound lanes for a total width of approximately 10.5m. Main Street East from Jasperson to Wigle – Approx. 200m of 50mm milling and HL3 surface asphalt approximately 11.5m in width. Pineway Park from Malott Lane to Dead End – Approx. 300m of 50mm HL3 surface asphalt on granular base approximately 3.5m in width.	\$44,853.92	\$388,458.69	April 20, 2016	December 30, 2016	Yes
9495	City of Oshawa	Resurfacing & Rehabilitation of multiple Streets (2016)	The Pavement Preservation program 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. (16740035)□	\$1,346,547.37	\$3,072,000.00	January 1, 2016	December 31, 2017	Ongoing
9496	City of Oshawa	Crack Sealing Program 1603 (16740053)	Crack sealing involves filling pavement cracks with asphalt emulsion in order to deter pavement cracking from spreading. Through inspection and analysis of surface ages, road candidates are identified for this treatment.	\$259,462.88	\$358,437.37	January 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9499	City of Oshawa	ATMP Walking & Cycling Network 16750062	This project addresses the annual requirements identified by the Active Transportation Master Plan to implement the infrastructure required for the walking and cycling network. This infrastructure includes but is not limited to cycling routes, cycling lanes, separated cycling lanes, additional urban and rural paved shoulder, in-boulevard (within road right of way) multi-use trail, and off-road (outside road right of way) multi-use trail.	\$21,099.47	\$787,000.00	January 1, 2016	December 31, 2017	Ongoing
9502	Township of Killaloe, Hagarty & Richards	Mask Road - Double Surface Treatment	This project involved the application of double surface treatment to 3.3 km of Mask Road. The old material that was on the roadway was removed, and the new double surface treatment was applied. This improved the driving surface and reduced maintenance costs to that section of roadway.	\$110,000.00	\$124,606.23	June 23, 2016	August 31, 2016	Yes
9513	Township of Hilliard	Gravel Resurfacing	Gravel Resurfacing on Garden Road and Pineheights Road.	\$20,108.00	\$22,773.48	July 4, 2016	July 29, 2016	Yes
9515	City of Temiskaming Shores	STATO Trail Relocation/Construction	Relocation/construction of the STATO trail from the existing roadway area adjacent to the back side of the concrete curb.	\$167,904.07	\$167,904.07	June 1, 2016	June 30, 2016	Yes
9516	City of Temiskaming Shores	Cottage Road Rehabilitation from Lakeshore Rd to limit	Remove existing surface, grade subbase and add granular material and regrade from Lakeshore Road to limit (+/- 225 m)	\$35,616.00	\$35,616.00	June 1, 2016	June 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9517	City of Temiskaming Shores	Broadwood & Wedgewood Resurfacing from Lakeshore Road to Market Street	Pulverizing remaining existing asphalt surfaces of Wedgewood and Broadwood Streets from Lakeshore Road to Market Street, regrade and place 50mm hot laid asphalt at 7.0m wide.	\$66,652.80	\$66,652.80	June 1, 2016	June 30, 2016	Yes
9518	Municipality of South Huron	John Street Reconstruction	Involves the replacement and upgrade of the existing road infrastructure that has exceeded its service life and is deteriorated. This project includes the installation of curb/gutter, sidewalks, and storm sewers and has been identified as a priority in the Asset Management Plan.	\$302,359.67	\$307,433.12	March 1, 2016	December 31, 2016	Yes
9521	Municipality of Callander	Lake Nosbonsing Rd. Rehabilitation	The Lake Nosbonsing Road Rehabilitation project consists in pulverizing and paving 90mm located on Highway 11 South Interchange easterly to Township Line.	\$235,162.05	\$404,987.28	September 16, 2016	October 31, 2016	Yes
9523	City of Elliot Lake	Asphalt Resurfacing - Hirshorn Ave	The project includes the removal and replacement of asphalt surface in addition to replacement of substandard substrate material. The contract includes the removal of all ditches and the installation of non-corroding storm sewers as indicated in the engineering drawings supplied with the tender document. Asphalt gutters will be incorporated into the road edging to further manage run-off and storm water flows.	\$196,000.00	\$1,013,983.62	July 20, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9526	Township of Evanturel	2016 Wendigo Road Surface Treatment	The preservation project will preserve the investment from 2010. More specifically, this project will consist of the application of a third coat of surface treatment hard top to 2,700 m of Wendigo Road easterly to end. The scope of the project is to complete the cap and seal of the road to provide a greater life expectancy of the infrastructure.	\$27,522.86	\$78,212.05	June 30, 2016	December 31, 2016	Yes
9528	Township of Gillies	2016 Parker Rd & Chimo Rd Rehabilitation	Parker Road rehabilitation and ditching Chimo Road rehabilitation	\$28,858.38	\$36,601.19	August 2, 2016	November 30, 2016	Yes
9529	Township of Ashfield-Colborne-Wawanosh	Resurfacing of Champlain Blvd	To resurface Champlain Blvd with Hot Mix Asphalt Pavement to provide a safe, serviceable road pavement that maximizes sustainability of future use. Pavement resurfacing projects improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and cleaner water. This will extend the useful life of the road thereby avoiding complete reconstruction of the road.	\$90,000.00	\$102,541.47	August 1, 2016	October 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9530	Township of Ashfield-Colborne-Wawanosh	Resurfacing of Mill Road	To resurface Mill Road with Hot Mix Asphalt Pavement to provide a safe serviceable road pavement that maximizes sustainability of future use. Pavement resurfacing projects improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and cleaner water. This will extend the useful life of the road thereby avoiding complete construction of the road.	\$70,000.00	\$70,204.33	August 1, 2016	October 31, 2016	Yes
9531	Town of Ajax	New Bicycle Lanes on various Streets (Fishlock St etc.)	Design and implementation of on-road bicycle infrastructure along existing roads to expand the bicycle network as per the recommendations from the Ajax Pedestrian and Bicycle Master Plan 2010. Implementation includes signage, pavement markings and minor curb construction.	\$70,237.13	\$70,237.13	July 1, 2015	December 30, 2016	Yes
9533	Municipality of St. Charles	Catch Basin & Storm Sewers Replacement at King St	Replacement of Catch Basin/ Storm Sewer was due to the safety of the municipality residence homes and the safety our a motorist. The catch basin was creating a sink hole in the paved road way and was just collecting water. Therefore by replacing this catch basin/ storm sewer improved the draining of storm water and correcting the sinking of the paved road around the catch basin.	\$4,459.00	\$4,459.00	July 18, 2016	July 29, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9534	Municipality of St. Charles	2016 Gravel Resurfacing on Turcot Rd, Pothier Rd & Northern Central Rd	Road Resurfacing (gravel) completed on Turcot Road, Pothier Road & Northern Central Road. These gravel resurfacing projects were identified by the director of public works. By adding a layer of crush A gravel on these roads, it will help our residence maintenance cost to their vehicles. Also improves the state of the roads useful life and reduces the annual maintenance cost for these roads.	\$46,065.00	\$46,065.00	April 22, 2016	September 15, 2016	Yes
9535	Municipality of St. Charles	2016 Road Resurfacing Pavement for Casimir Rd, King St, Musky Bay Rd & Victoria Rd	Road Resurfacing (pavement) for Casimir Road, King Street, Musky Bay Road & Victoria Road. This project was identified by the Director of public works, due to the physical conditions of the noted roads. By Completing this project the municipal would have improved the road condition (increase useful life) and avoid the total reconstruction of the noted roads. Also would decrease the motorists maintenance and fuel consumption why'll driving on the above noted roads.	\$19,614.21	\$19,614.21	May 24, 2016	December 2, 2016	Yes
9536	Township of Papineau-Cameron	Jodouin Road - Chip Sealing and Safety Guard Rails (2016-01)	Jodouin Road is a highly travelled road within our municipality. New chip seal application will be applied along with the installation of safety guard rail systems. The rehabilitated of the road will reduce emissions and safety hazards.	\$2,488.57	\$92,040.80	June 15, 2016	August 16, 2016	Yes
9537	Township of Papineau-Cameron	Rehabilitation of Bridge #3 at Burritts Road (2016-02)	As per the municipality engineer report, Rehabilitation and replacement of bridge deck and cross over load beams. Bridge foundation will stay intact.	\$36,507.74	\$51,055.25	August 1, 2016	October 4, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9538	Township of Papineau-Cameron	Culvert #6 Rehabilitation and Replacement at Papineau Road (2016-03)	As per the municipality engineer bridge report, the Township excavated and constructed the rehabilitation and replacement of a large culvert # 6 crossing on Papineau Road.	\$20,472.32	\$30,863.00	July 15, 2016	August 9, 2016	Yes
9553	Township of Edwardsburgh/Cardinal	Rehabilitation of James St from Henry St to Victoria St	Rehabilitation of all underground municipal infrastructure utilities and road reconstruction from Henry Street to Victoria Street.	\$200,000.00	\$971,591.01	July 4, 2016	December 31, 2016	Yes
9554	Municipality of Grey Highlands	Road Resurfacing at the intersection of 7th line and 22B	Existing road surfaces for these sections of Sideroad 22B and 35 Sideroad have reached the end of their useful life. The life of Sideroad 22B was extended by 12 years through a road resurfacing. The life of 35 Sideroad was extended by 24 year s through a pulverize and pave. □ □	\$306,912.65	\$508,378.65	April 1, 2016	December 31, 2016	Yes
9556	Town of Marathon	Road Resurfacing - Penn Lake Road East from Barrick Gold Lane to the Chisholm Trail	Based on 2012 road resurfacing plan, the next priority is Penn Lake Road, from Barrick Gold Lane to the Chisholm Trail. The current road surface has a pavement condition rating of 41.3/100 and requires constant maintenance and pothole patching. The current roadway surface will be milled and recycled, allowance will be made for proper drainage and the surface will be paved to 60mm thick. Super-elevation of curve #2 is near negative degrees and will be corrected.	\$664,826.01	\$716,008.01	March 1, 2016	November 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9560	Municipality of Bayham	Reconstruction of Maple Grove Rd and Sidewalks at Various Locations	Rebuild and reconstruction of Maple Grove Road and Sidewalks throughout Bayham	\$222,179.15	\$650,000.00	January 1, 2016	December 31, 2018	Ongoing
9569	Municipality of Centre Hastings	Road Resurfacing & Rehab of Preston/Lahey/Centre/Carson Rds	These were sectional road repairs and resurfacing. The projects included ditching, pulverizing, adding gravel and surface treatment. The total project included 2.2 Kms of Preston Road, 1.6 km of Lahey Road, 1.1 km of Centre Road and .9 km of Carson Road.	\$332,490.29	\$423,946.33	June 1, 2016	July 29, 2016	Yes
9573	Town of Caledon	Rehabilitation and Replacement of 4 Bridges (16-109)	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. Based on the results of biannual inspections the following bridges are to be repaired/replaced: <ol style="list-style-type: none"> 1. Kennedy Road Bridge #2 2. Credit Road Bridge 3. Winston Churchill Road Bridge 4. McLaren Road Bridge 	\$1,891,533.74	\$3,936,593.00	January 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9574	Town of Caledon	Rehabilitation of Sidewalks Network	<p>This project is to upgrade existing sidewalks across the Town. The 2016 program will include the following locations:</p> <ol style="list-style-type: none"> 1. Highway 50 East Side - King Street East to Willow Street 2. Innislake Road West Side - Old Church Road to OPP 3. Airport Road - Old to Walkers Road 4. Various Town Locations to be determined based on the 2015 sidewalk inspections 	\$19,170.95	\$309,216.00	January 1, 2016	December 31, 2018	Ongoing
9575	Town of Caledon	Roads Rehabilitation & Reconstruction Program (16-138)	<p>This program comprise the Town's roads to be reconstructed and rehabilitated in 2016. The program consists of:</p> <ol style="list-style-type: none"> 1. Small roads programs - this consist of roads with AADTs (average annual daily traffic) lower than 600 and with the lowest Pavement Condition Indexes. The goal is to identify roads which has low volume but requires rehab within the near term. 2. General roads - these roads are selected based on the weighted complement of the pavement condition index and the AADT 	\$201,792.32	\$801,906.00	January 1, 2016	December 31, 2018	Ongoing
9576	Village of Casselman	Paving Saint Isidore Road	<p>St-Isidore road was due to be paved as identified in our asset management plan. We also changed some catch basins and did some of the sidewalks.</p>	\$287,663.54	\$420,233.54	May 17, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9584	Township of South Frontenac	Replacement of Storrington Salt and Sand Storage Dome	Replacement and upgrade of existing sand dome. Aspects being addressed include delivery of salt, mixing with sand, storage and cleaning of vehicles. Ultimately, effective salt management will reduce the negative environmental impacts of road salt. The objective will be to contain run-off, either surface or subsurface, through containment and improved housekeeping practices.	\$730,315.74	\$820,000.00	January 1, 2016	December 31, 2017	Ongoing
9591	Town of Cobalt	Subsurface Repair and Repaving of Galena Street	Part of the subsurface of Galena Street was washed out due to very heavy rain and the roadway caved in. The subsurface was replaced and stabilized temporarily until such time as the Town was able to procure a contractor to fix the issue. The subsurface of Galena Street was reinstated and fixed and then the roadway was paved again.	\$16,665.03	\$18,505.78	August 1, 2016	November 30, 2016	Yes
9601	City of Hamilton	Resurfacing & Rehabilitation of Amberly Blvd, Greenhill Ave, Quigley Rd and Ridge Rd	Road resurfacing & reconstruction included Striping existing asphalt to existing granular base. Plane asphalt 40mm thick and 600ram wide. Excavate, supply and place 80ram Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement)remove median Island and repair as part of the road. Reconstructing retaining wall of proposed bridge works, including railing, curbs and all restoration as per drawing. Removing existing wooden railing and installing decorative railing	\$2,571,493.66	\$7,266,000.00	January 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9602	City of Hamilton	Replacement of Bridge 330 and Bridge 332 on Birch Ave	Replacement of various existing bridges. Bridge 330 - Birch Ave, 75m s/o Burlington St E, Bridge 332 - Birch Ave, 95m n/o Princess St.	\$201,767.56	\$378,000.00	January 1, 2016	December 31, 2018	Ongoing
9603	City of Hamilton	Reconstruction of West 35th St & Bowman St with Sherman Access Retaining Wall Replacement	The project includes reconstruction of West 35th (Scenic to end) and Bowman (South End to Willowcrest & Ainslie - Emerson to East End); 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 or excessive rock and/or soil removal from surface and subsurface, as well as granular quantity overruns due to removal of soil and/or rock.	\$894,513.98	\$1,890,000.00	January 1, 2016	December 31, 2018	Ongoing
9604	City of Hamilton	Resurfacing and Rehabilitation of Multiple Local Roads	This project will involve the resurfacing of several local roads including curb & sidewalk repairs, mill and overlay of asphalt surfacing, base asphalt repairs. It entails resurfacing of all the residential streets in the Southmeadow Neighbourhood, Berrisfield Neighbourhood, Scenic Woods Neighbourhood, Stoney Creek Neighbourhood etc. Road resurfacing work includes granular A base followed by a HL-4 Hot Mix Asphalt.	\$13,021,271.98	\$17,034,000.00	January 1, 2016	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9608	Township of Elizabethtown-Kitley	Resurfacing of Hallecks Road West	The Township of Elizabethtown-Kitley is using Federal Gas Tax Funds to reconstruct 1.7kms of Hallecks Road West. This project included pulverizing, adding granulars and addressing drainage issues, which consisted of culverts. A double surface treatment was added on top. The benefits of this project will include improved safety and fuel efficiency as well as reduced carbon dioxide emissions.	\$133,829.64	\$134,369.63	May 1, 2016	December 31, 2016	Yes
9609	Township of Elizabethtown-Kitley	Rehabilitation of Kinch Street	The rehabilitation of Kinch Street includes the base repair of 647 meters of roadway, the replacement of two culverts and an overlay of two inches of asphalt. The benefits of this project include improved appearance and safety of driving. Local drivers will also benefit from improved fuel efficiency which in turn will reduce carbon dioxide emissions.	\$80,128.85	\$85,314.23	May 1, 2016	December 31, 2016	Yes
9611	Township of Elizabethtown-Kitley	Resurfacing of Old Red Road	The Township of Elizabethtown-Kitley is using Federal Gas Tax Funds to maintain Old Red Road. A surface treatment is being applied to 1.8km of this road which will prolong the life of this road and help to avoid costly rehabilitation.	\$117,220.00	\$130,938.23	May 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9612	Township of Elizabethtown-Kitley	Resurfacing of McDougall Road	The Township of Elizabethtown-Kitley is using Federal Gas Tax funds to resurface McDougall Road. A 40mm overlay of asphalt with shouldering is required for a length of 700 meters. The benefits of this project will include improved safety and fuel efficiency and reduced carbon dioxide emissions.	\$43,661.65	\$43,661.65	May 1, 2016	December 31, 2016	Yes
9615	Municipality of North Grenville	Paving of River Rd from Colonel Dr to Settlers Way	Paving of River Road between Settler's way and Colonel drive.	\$311,296.91	\$342,084.52	August 1, 2016	September 30, 2016	Yes
9616	Municipality of North Grenville	Surface Treatment of Craig Rd from Donoghue Rd to Todd School Road	Road surface treatment (2.6 km of road) - Slurry Seal	\$45,678.60	\$50,754.00	August 1, 2016	September 30, 2016	Yes
9617	Municipality of North Grenville	Surface Treatment at South Gower Dr and French Settlement Rd Intersection	Road surface treatment (2.7 km) - single high float treatment	\$13,389.56	\$62,655.07	July 1, 2016	July 31, 2016	Yes
9618	City of Owen Sound	Concrete Replacement - Sidewalks, Curbs and Gutters	In conjunction with the Annual Asphalt Resurfacing Program, this program involves replacing deteriorated/failed concrete surface structures along the roadway including curb, gutter and sidewalks where full road and municipal services reconstruction is not justified or required throughout the city.	\$48,474.88	\$500,000.00	January 1, 2016	March 31, 2020	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9619	City of Owen Sound	2016 Asphalt Resurfacing at Various Locations	Asphalt Resurfacing Annual Program: Mill and overlay single wearing course or full-depth removal, with spot base improvements and placement of multiple paving courses. 2017 Locations include 15th Street East (3rd Ave E to 6th Ave E), 16th Street East (6th Ave E to 9th Ave E), 2nd Avenue West (Moore's Hill to 6th St W), 5th Avenue West (5th St W to 40 m North), 5th Street West (4th Ave W to 6th Ave W) and 4th Avenue West (1st St W to Beattie St)□ □	\$309,480.07	\$1,200,000.00	January 1, 2016	March 31, 2020	Ongoing
9620	City of Owen Sound	Reconstruction of 12th St East - From 3rd Ave E to 4th Ave E	The project scope was to replace the pavement structure as this road is an access/egress for the local fire house and EMS. The watermain, sanitary sewer and storm conveyance systems were also replaced within the scope of this project. Road segment of 140m was reconstructed along with the cross street (3rd Avenue East). Total watermain replacement was 141m of 200mm PVC pipe, sanitary was 93m of 200mm PVC pipe and storm was 152m of pipe ranging from 300mm Dia. to 525mm Dia.□	\$69,328.62	\$486,460.35	January 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9622	City of Owen Sound	Reconstruction of 9th Ave E from 20th St E to 23rd St E	Road reconstruction and services construction (sanitary and storm sewers) include completion of Engineering design, approvals, drawings and tender specification documents in 2017 for preparation for future construction. Municipal Class Environmental Assessment is a Schedule A+ activity (pre-approved).	\$29,663.24	\$39,393.91	January 1, 2016	December 31, 2017	Ongoing
9623	Town of Cobalt	Sidewalk Replacement at Prospect Avenue between Helen St and Galena St	Along a section of road on Prospect the adjoining sidewalk was in really bad physical condition that posed a health and safety risk to the public using the sidewalk. The entire sidewalk was removed and replaced by asphalt.	\$12,964.22	\$14,396.20	June 5, 2016	July 31, 2016	Yes
9629	Township of Plummer Additional	Surface Treatment of Center Line Road - Sections 160, 165 and 190	to provide Single Course Surface Treatment on Center Line Road Sections #160; 165; 190 (Government Road to MacKenzie Road); to provide Double Course surface treatment on Center Line at #165 (twin culverts - replaced in 2015); #165 (distortion #1); #190 (distortion #2 repaired in 2015) #190 (distortion #3)	\$39,524.14	\$98,543.28	May 1, 2016	October 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9636	Township of Enniskillen	Resurfacing of Oil Springs Line	The Project consisted of the placement of a double surface treatment on Oil Springs Line from Marthaville Road to Tile Yard Road. Secondly a slurry treatment was placed on Oil Springs Line from the Village of Oil Springs to Wanstead Road. The purpose of the project was to provide a smoother riding surface and extend the life of portions of the road surface.	\$93,000.00	\$178,062.00	July 7, 2016	August 31, 2017	Ongoing
9642	Town of Oakville	2016 Pedestrian Crossover Signals Upgrade	Conversion of pedestrian Crossover signals with more advanced Integrated Pedestrian Signals (IPS) to improve the safety factor at pedestrian cross over points. One signal was done this year. □	\$52,000.00	\$72,960.00	January 1, 2016	December 31, 2017	Ongoing
9650	Town of Laurentian Hills	Realignment and Reconstruction of Legere Drive	This work was to realign two sections of Legere Drive, and then reconstruct the remainder of the road. Including pulverize, repave, replace culverts, establish and repair ditches for proper drainage and finally topsoil and seed the ditches.	\$45,000.00	\$49,385.00	September 14, 2016	September 16, 2016	Yes
9651	Town of Laurentian Hills	Resurfacing of Old Moore Lake Road	Pulverize, add gravel, replace culverts, ditching, and double surface treatment.	\$36,000.00	\$46,000.00	July 14, 2016	July 19, 2016	Yes
9658	Township of Dawn-Euphemia	2016 Large Culverts Renewal	Large culvert renewal program □ McCreedy Rd @ Smoke Drain □ Marthaville Rd @ Kersey Drain □ Davis Rd @ Graham Drain □ Downie Rd @ McCauley Drain □ Fansher Rd @ Johnson Drain □ Aberfeldy Rd @ Weber Drain	\$62,351.13	\$76,368.00	April 1, 2016	December 23, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9659	Township of Malahide	Gravel Conversion - Dorchester Road	Road base improvements including improved ditching, drainage and additional gravel base in preparation for future hard surfacing.	\$201,264.00	\$210,000.00	May 2, 2016	September 30, 2016	Yes
9660	Township of Malahide	Gravel Road Conversion - Rogers Road	Road base improvements including improved ditching, drainage and additional gravel base in preparation for future hard surfacing	\$98,736.00	\$100,000.00	May 2, 2016	September 30, 2016	Yes
9662	Town of Minto	Reconstruction of James St in Palmerston between Main St and John St	This project is a reconstruction of James Street between Main St and John St, including replacement of sanitary sewers, storm water pipes and water pipes where necessary. The project is now complete.	\$57,400.00	\$521,564.00	April 1, 2016	November 1, 2025	Ongoing
9663	Town of Minto	Resurfacing of Queen St (Sec 1033) in Clifford between Clark St and Ann St	Resurfacing of road and installation of one half block of water main on Queen St, Clifford between Clark and Ann Sts.	\$38,300.00	\$76,590.00	April 1, 2016	November 1, 2025	Ongoing
9666	Township of Severn	Bell Ave and Beachview Ave Pedestrian Walkway	Bell Avenue and Beachview Avenue were widened to provide a safer route for Children to walk to School from the Bayou Park area of the Westshore Community to Severn Shores Public School on Cumberland Road as Bayou Road is a main artery to access Provincial Highway 11. The roads were widened to provide a safer route to school to direct walkers away from the busy Bayou Road. The widening was completed to provide greater room for walkers and vehicular traffic on the lesser traveled roads.	\$78,493.36	\$225,000.00	June 1, 2016	November 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9667	Municipality of Northern Bruce Peninsula	Reconstructed and Paved Johnsons Harbour Road Section	Reconstructed a section of Johnsons Harbour Road and applied new surface treatment. Surface treatment will reduce annual maintenance costs, improve fuel economy and reduce fuel emissions. There have been higher traffic volumes on this road over the past few years with increased building in the area. Johnsons Harbour Road is an alternate route in the event of an emergency if access on Highway #6 is blocked.	\$113,000.00	\$200,797.10	June 1, 2016	November 30, 2016	Yes
9668	Municipality of Trent Hills	2016 Road Resurfacing at multiple Locations	Resurface tar and chip roads to meet resurfacing program. Reseal every 7 to 10 years to maintain hardtop roads.	\$383,201.74	\$383,201.74	June 29, 2016	December 31, 2016	Yes
9675	Municipality of Brighton	Surface Treatment of Goodfellow Road	The Goodfellow Road Project included ditching, brushing, base enhancement and two applications of surface treatment. The project substantially improved rideability, sight lines and drainage	\$101,119.87	\$101,119.87	May 9, 2016	September 30, 2016	Yes
9676	Municipality of Brighton	Rehabilitation of Craig Boulevard	The Craig Boulevard project included base enhancement, ditching and brushing, as well as water service replacement and two lifts of asphalt. The project improved rideability, drainage, and sight lines	\$137,302.54	\$137,302.54	June 6, 2016	September 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9677	Municipality of Brighton	Paving of Applewood Drive	The Applewood Drive project improved a gravel road to a paved road. The project included base enhancement, brushing, ditching and two applications of asphalt. This project improved the rideability, access, drainage and sight lines of the roadway	\$39,470.24	\$39,470.24	June 6, 2016	September 30, 2016	Yes
9678	Municipality of Brighton	Asphalt Surfacing of Georgina Street from Dundas Street to Hardy Lane	Georgina Street from Dundas Street to Hardy Lane was improved from surface treatment to two applications of asphalt. The project included ditching, brushing, base enhancement, culvert replacement and asphalt surface. Improvements were noted to drainage, sight lines and rideability.	\$64,945.57	\$64,945.57	June 6, 2016	September 30, 2016	Yes
9679	Municipality of Brighton	Surface Treatment of Cramahe Hill Road	Cramahe Hill Road project included brushing, ditching, road base work, drainage improvements and two applications of surface treatment. The project included improvements to drainage, sight lights and rideability.	\$170,000.00	\$202,099.92	May 30, 2016	September 30, 2016	Yes
9680	Municipality of Brighton	Surface Treatment of Carman Road	Carman Road project included brushing, ditching, road base improvements and two applications of surface treatment. The improvements include drainage, sight lines and rideability.	\$132,303.40	\$144,820.57	May 30, 2016	September 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9686	Municipality of Brockton	Reconstruction of South Street	Road - Replace existing roadbed and surface with a granular base and asphalt. Incorporate concrete curbs and gutters to improve storm drainage and provide barrier protection. A full sidewalk will be installed. Water - Improve water distribution facilities with a 150mm diameter watermain. Replace all distribution piping with PVC and copper piping connection to residences. Wastewater increase the capacity, life expectancy and function of sanitary sewers by installing 200mm diameter PVC pipes.	\$286,762.84	\$1,452,504.45	May 2, 2016	December 31, 2037	Ongoing
9689	Township of Muskoka Lakes	Rehabilitation of Beatrice Townline Road	Road resurfacing - Application of new asphalt surface pavement to Beatrice Townline Road (8.2 km) to extend the useful life of the road. The method will be to pulverize existing asphalt surface, mix it with the sub-base materials, and additional aggregate, and apply the new asphalt surface	\$203,914.16	\$379,673.42	July 4, 2016	December 31, 2016	Yes
9690	Municipality of Strathroy-Caradoc	Rural Tar & Chip Repaving on Christina Rd, Melbourne Rd and Glengyle Dr	Road rehabilitation at various locations including Christina Rd, Melbourne Rd and Glengyle Dr. This project completed 23 kms of Tar n Chip repaving.	\$425,000.00	\$455,000.00	July 11, 2016	August 19, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9691	Municipality of Strathroy-Caradoc	Queen St and Spence Dr Repaving along with Catchbasin Repairs	Upgrade/Repave two collector roads; repair, replace and install sidewalks, curb and gutters. Queen and Moore not only was road repaved but new curb/gutter was added along with new sidewalks added to growing subdivision. Spence again section of road repaved and a failing catch basin was replaced and sidewalks were repaired as well	\$46,391.00	\$225,000.00	June 13, 2016	September 12, 2016	Yes
9692	Municipality of Strathroy-Caradoc	Sidewalk Upgrades at Various Locations including Scott St E, Front St E, Saulsbury St & Dominion St	Almost 1 km of sidewalks repair and replaced but Tactile strips were added to all projects to address AODA compliance.	\$32,443.00	\$70,000.00	July 11, 2016	August 26, 2016	Yes
9694	Municipality of Meaford	2016 HCB Hot Mix Asphalt Program	The scope of these projects is for the pulverizing and/or milling of existing road surfaces, supply and placement of granular "A", catch basin and manhole refurbishments and supply and placement of hot mix asphalt at various locations within the municipality including 7th Line and North Sykes Street. □	\$337,475.35	\$675,475.45	July 12, 2016	December 30, 2016	Yes
9695	Municipality of Strathroy-Caradoc	Full Reconstruction of McKellar St.	Full reconstruction road/water/sewer/sidewalk/curb/gutter	\$5,829.00	\$500,000.00	October 14, 2016	December 29, 2017	Ongoing
9698	City of Thunder Bay	Road Reconstruction at Various Locations Cumberland St N, Mary St W and Herbert St (2016)	Road Surface reconstruction	\$3,534,239.46	\$6,378,950.00	March 1, 2016	September 30, 2020	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9699	City of Thunder Bay	Cycling infrastructure on Gore St and Frederica St W (2016)	Bike lane paving and painting (Gore Street), installation of bike racks, and community engagement to increase awareness and use of Active Transportation within the City.	\$6,125.74	\$255,775.00	March 1, 2016	September 30, 2020	Ongoing
9701	City of Thunder Bay	Renewal of Woodcrest Rd Bridge and Water St Overpass (2016)	Renewal of Woodcrest Road Bridge, High Street Retaining Wall and Water Street Overpass. Design work done in 2016 with rehabilitation to be carried out in 2017 and 2018.	\$33,608.88	\$94,743.00	March 1, 2016	September 30, 2020	Ongoing
9709	Township of Strong	Reconstruction of Forest Lake Road	The Contract was first awarded to pulverize the existing surface treatment to enable placing a new base on the road surface, as well as installation of replacement culverts as required. Once the new base and culverts were installed there was a period of time allowed to compact the new material. Once the Road Department felt it was suitable the contract was awarded to put on a double surface treatment for approximately 2.28 km. ¹	\$109,707.83	\$166,992.29	May 16, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9710	Township of Severn	Rehabilitation of Laughlin Falls Bridge	Within the township's bridge need study the Laughlin Falls Bridge was determined to be the number 1 priority. The project consists of the removal of both of the existing superstructures and the construction of a new longer 18.0m concrete slab on girder superstructure, founded on a cast-in-place concrete foundation system, located behind the existing abutment. Main objective is to improve safety for both pedestrian and vehicular traffic and to extend the service life of the bridge.	\$33,789.40	\$33,789.40	June 1, 2016	December 31, 2016	Yes
9713	Municipality of Oliver-Paipoonge	Reconstruction of Hanna Road	Reconstruction of base, ditching, replace centreline and driveway culverts, shoreline remediation at one large culvert site and single surface treatment along 2.43km of road.	\$348,542.11	\$359,066.32	June 15, 2016	September 22, 2016	Yes
9714	Township of Nipigon	Rehabilitation of Churchill Street with Improved Drainage	The rehabilitation of the base and surface of Churchill Street, along with improving storm water management by installing upgraded storm sewers, catch basins, and curb/gutting. Previously identified as a roadway that contributed to excessive greenhouse gases due to numerous potholes and the general overall condition of the traveled surface, Churchill Streets base and surface were completely removed and replaced with new compact Gravel A and B for the base and SuperPave asphalt for the surface.	\$60,000.00	\$909,580.00	April 4, 2016	November 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9716	Township of Adjala-Tosorontio	Construction of Concession Road 6 for a New Subdivision in Everett	Concession Road 6 north of County Road 5 is being built in preparation for the commencement of a subdivision in Everett that should be starting in the next couple of years. This would enable trucks etc. to come into the building area without affecting the local road system and subdivisions already in place.	\$20,814.76	\$1,250,000.00	January 21, 2016	December 31, 2019	Ongoing
9718	Township of Adjala-Tosorontio	Replacement of Culvert at Concession Road 3	Bridge #14 which is a concrete rigid frame culvert is being replaced with a large culvert and then being resurfaced. It currently has a BCI of 30.53 and is in need of replacement.	\$8,810.21	\$108,500.00	January 21, 2016	December 31, 2017	Ongoing
9720	Town of Aylmer	Road Resurfacing of Various Streets (2016)	Repair deteriorating road on Talbot St West with hot-mix asphalt. Surface treatment of asphalt added on South St from Victoria St to Queen St, on Pine St E from Victoria St to Queen St and all of Spruce St West to lengthen road life.	\$73,617.16	\$75,000.00	May 2, 2016	December 31, 2016	Yes
9724	Township of Southwold	2016 Resurfacing of Gravel Roads at Various Locations	Granular resurfacing of low volume, unpaved roads including sections of Sixth Line, McIntyre Rd, Oneida Rd, Mill Rd, Iona Rd, Burwell Rd, Jones Rd, Hunter Line, Cattanach Line, Fulton Bridge Line and Rieger Rd as per 5 year rehabilitation cycle improving the surface of the roads. Over the years, the surface gravel has depleted due to vehicular traffic as well as grading and snowplowing activities. Re-gravelling the surface reduces the dust and run off and reduces GHG due to poor travel condition	\$122,373.35	\$130,000.00	May 12, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9728	Town of Hawkesbury	Resurfacing Multiple streets (2016)	Removal of existing asphalt which is deteriorated & to be resurfaced. Approximately 1.2 Lane Kilometre length of road resurfaced on Cecile Blvd and Spence avenue, between Cameron and Edmond street.□	\$374,365.74	\$374,365.74	September 1, 2016	October 31, 2016	Yes
9730	Town of Newmarket	Reconstruction of Arnold Cres	Roads Needs Study has identified the street as deteriorated and deficient requiring reconstruction. Reconstruct the road to urban standard, including construction work on road base, sidewalk and water main replacement.	\$443,171.08	\$480,584.00	July 4, 2016	December 31, 2016	Yes
9731	Town of Newmarket	Reconstruction of Forest Glen Road	Roads Needs Study has identified the street as deteriorated and deficient requiring reconstruction. Reconstruct the road to urban standard including road base, sidewalk, water main, sanitary sewer and storm sewer replacement.	\$839,419.73	\$956,405.00	July 4, 2016	December 31, 2016	Yes
9732	Town of Newmarket	2016 Road Resurfacing at Various Locations	Resurface various road sections to improve safety: Brammar St., Brimson Drive, Easthill Court, Elgin St., Elman Cres., Erin Trail, Eves Court., Fred Evans Court, Hibiscus Court, Hutchcroft Court, Kirby Cres., Liverpool Rd., Manchester Dr. Peevers Cres. Perring Ave. Rockway Court. Stafford Pl.	\$313,733.86	\$1,475,019.00	May 2, 2016	December 31, 2016	Yes
9743	City of Kingston	Replacement and Reconstruction of Concrete Sidewalks throughout the City	Replacement and Reconstruction of Concrete Sidewalks throughout the City□	\$939,859.46	\$988,759.00	January 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9749	City of Belleville	Reconstruction of Ashley Street - Tile Dr to Ducette Rd	The existing road is a semi-urban cross-section with discontinuous sidewalks on both sides of the road. This project would see Ashley Street reconstructed to an urban cross section with curb & gutters and sidewalks on both sides from Tile Dr. to Ducette Rd including intersection improvements at Ashley St. and Frankford Rd.	\$42,090.09	\$2,800,000.00	January 1, 2016	December 31, 2018	Ongoing
9755	City of Vaughan	2017 Roads Rehabilitation at Various Locations	Works include resurfacing/ rehabilitation/ reconstruction of road surface, curb, sidewalk, culverts, guide rails, paved shoulders and any necessary restoration. (CD-2018-15)	\$57,659.38	\$330,000.00	January 1, 2015	December 31, 2020	Ongoing
9767	Town of Oakville	Downtown One Way Road Conversion Program	This project is for the conversion of all existing one way streets in the downtown core to two way operation. The conversion also provides a dedicated cycling loop in the downtown core providing more flexibility on route choices to cyclist and motorists. The implementation of the two way street system will involve geometric improvements at some intersections, modifications to the existing traffic signal system, re-striping of the pavement markings and sign installations.	\$11,308.00	\$19,277.00	January 1, 2016	December 31, 2018	Ongoing
9772	Township of Georgian Bluffs	Reconstruction of Concession 20 from Kemble Rock Road to Burgess Sideroad	Reconstructing Concession 20 from Kemble Rock Road to Burgess Sideroad: project scope includes removing old surface, reshaping the road to achieve appropriate slope and repaving the road.	\$300,000.00	\$411,571.66	August 2, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9774	Municipality of French River	Rehabilitation of Houle Road and White Tail Road	Maintenance and improvements to Houle Road, White Tail Road, and other roads, including repairs, drainage, resurfacing.	\$148,489.15	\$199,672.48	June 1, 2016	October 31, 2016	Yes
9775	Village of Oil Springs	Road Rehabilitation at Various Locations w_Sewer Upgrades (2016)	Project Scope includes 2385 m2 of crack sealant throughout the Village on various streets, 800 m2 of spray patching on Victoria Street, asphalt replacement on Oil Springs Line in front of Fire Hall (4589 Oil Springs Line), a storm catch basin replacement at 2586 Elizabeth Street as well as a sanitary sewer manhole lid replacement. The lagoon line flushing took place in July 2016 due to plugged lines for sanitary sewer.	\$21,403.84	\$21,403.84	May 19, 2016	November 1, 2016	Yes
9776	Town of Englehart	Resurfacing of Fifth Street and 6th Avenue	Fifth Street runs in front of our hospital and 6th avenue runs along our high school and both were in very poor shape making it difficult to travel on. The Town will have the existing surface pulverised and then new pavement applied to the street and avenue.	\$85,000.00	\$124,300.00	May 1, 2016	May 26, 2016	Yes
9779	Town of Englehart	Replacement of Culverts along 6th Ave between 4th St and 5th St	Replace culverts that were rusted and dented causing in consistent water flow down 6th ave. Replaced all culverts along 6th avenue and 5th street.	\$7,364.87	\$8,638.60	May 9, 2016	October 26, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9791	City of Vaughan	Don River System Trail Signage	The Don River System Trail Signage program will identify a clearly marked and signed network with the installation of Trail Head, Wayfinding, Directional and safety crossing signs, featuring linkages to both existing and planned trails, routes and on road bike lane systems in the City and adjacent municipalities. (PK-6392-13)	\$2,269.43	\$82,221.00	January 1, 2016	December 31, 2018	Ongoing
9792	City of Vaughan	Pedestrian Bridge Replacement	Replacement of existing pedestrian bridge Keffer Marsh - (PK-6474-15) & King High Park (PK-6534-16)	\$12,140.80	\$222,130.00	September 1, 2015	December 31, 2019	Ongoing
9802	Township of Val Rita-Harty	Reconstruction of St Stanislaus Street in Harty Community	The project is to expand the life expectancy of St Stanislaus Street, by installing a 2 in. cover of asphalt over the existing material. the street is around 1000 feet long.	\$49,678.00	\$55,000.00	May 2, 2016	October 28, 2016	Yes
9804	Municipality of West Elgin	Gray Line Bridge at 16 mile creek	The small one lane bridge which crosses 16 Mile Creek along Gray Line west of Furnival Road was originally constructed in the 1930's and is in need of replacement. Project scope includes replacing the bridge and completing all road work as designed like road construction and removal of trees. This option would allow Gray Line surrounding 16 mile creek to be maintained year round and reduce liability associated with a section of roadway that falls below design standard.	\$13,895.00	\$600,000.00	May 16, 2016	December 1, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9807	County of Grey	Repaving Grey County Roads 40, 12, 17, 170 and 31	Upgraded sections of Grey Rd 40, Grey Rd 12, Grey Rd 170, Grey Rd 17 and Grey Rd 31 by pulverizing and hot mix paving, improving structural integrity, ride, durability, cross section pavement width, safety and renewing service life.	\$2,545,000.00	\$5,713,950.00	April 1, 2016	October 31, 2016	Yes
9811	Municipality of Markstay-Warren	Resurfacing Rabbit Trail Road from Highway 539 beyond Simon Road	Resurfacing of Rabbit Trail Road for 5 km. Rabbit Trail road is approximately 27 feet wide and we applied 3" of "A" Gravel. Total Amount of Granular A material is 2,432 cubic meter.	\$71,114.68	\$84,060.70	July 19, 2016	July 20, 2016	Yes
9812	Municipality of Markstay-Warren	Reconstruction of Rutland Avenue to from Highway 539 to Warren Ave	The Reconstruction of Rutland Avenue and the linear infrastructure under ground (water & sewer).	\$100,000.00	\$2,628,926.54	July 1, 2014	December 31, 2016	Yes
9813	Town of Northeastern Manitoulin and the Islands	Road Resurfacing and Surface Treatment of Townline Rd/Green Bush Rd/Rockville Rd/Campbell St	The project will include both road resurfacing as well as surface treatment, which will require milling, removing asphalt and repaving of the named streets as above. The work will extend the life of the road(s) and ensure the safety of the traveling public.	\$62,275.67	\$238,314.91	August 1, 2016	October 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9814	Town of Northeastern Manitoulin and the Islands	Construction of Salt Shed near Highway 6 and Harbour Vue Road Intersection	A salt shed is being constructed in the municipality to ensure that a supply of winter sand and salt is available for winter maintenance of roads in the municipality which will also save the PW Department from traveling to pick up salt and sand every time it is required, saving employee travel time, fuel costs, and protecting the environment by containing the salt in the shed, avoiding salt leaching into the surrounding environment.	\$76,166.83	\$92,166.83	May 1, 2016	December 31, 2016	Yes
9816	City of St. Catharines	Bridge Replacement with a Culvert at Ball Avenue West (P16-122)	Replacement of the bridge on Ball Avenue West with a culvert.	\$9,584.92	\$280,000.00	October 3, 2016	March 30, 2018	Ongoing
9817	Town of St. Marys	Queen Street Downtown Reconstruction	Infrastructure upgrades to Queen Street in the downtown core to improve the condition of the road surface, accessibility to local businesses, pedestrian safety, and water services to each building.	\$553,000.00	\$1,945,655.00	March 28, 2016	August 15, 2016	Yes
9818	City of St. Catharines	Sidewalk Improvements on Lakeshore Road (RN16-06)	Sidewalk improvements on Lakeshore Rd from 50m east of Lake Street to Geneva St and from Bradmon Drive to O'Mara Drive in conjunction with Regional roadworks	\$76,553.66	\$1,728,680.00	May 9, 2016	December 31, 2027	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9821	Town of Hearst	Replacement of Traffic Lights at the corner of Front St and 15th St	Traffic lights on the corner of Front street and 15th street were deficient. Heavy traffic uses this road as this is part of the Connecting link to highway 11 therefore, lights had to be replaced. □ The obsolete control panel was replaced with a modern scalable unit which can be adapted for future changes if necessary.	\$16,712.47	\$18,558.46	April 15, 2016	June 30, 2016	Yes
9822	Town of Hearst	Construction of Louisbourg Fitness Trail	The Louisbourg fitness trail was created to link two existing cycling and pedestrian trails together and create a 3.3km loop. The new 900m trail was constructed on the south bank of the Mattawishkwia River and through a mixed forest of spruce trees and poplar.	\$5,363.70	\$9,252.16	December 1, 2015	December 31, 2016	Yes
9825	Township of Scugog	Reconstruction of Aldred Drive	The reconstruction of Aldred Drive, includes excavation, geo fabric placement, installation of two subdrains, re-establishing ditches, and placement of asphalt.	\$101,155.94	\$130,000.00	September 1, 2016	December 29, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9828	Town of Hearst	Replacement of Cloutier North Bridge With Culvert	The Cloutier Road North is the main access to the region's cottage country and numerous residential homes. Its bridge is susceptible to frost heaving, creating an irregular riding surface and severe differential gaps. The current creosote-impregnated wood structure, the piles, abutments and curbs are deteriorated and presenting a danger for vehicular traffic. The bridge was replaced with an 1800mm corrugated steel pipe (culvert) thereby eliminating the dangerous bridge approach irregularities.	\$38,883.11	\$112,949.02	June 1, 2016	December 31, 2016	Yes
9836	Township of Greater Madawaska	Fraser Road Repairs	Fraser Road 1.2km west of Burnstown Road to 3.4km westerly. The main objective was to repair the wear surface of the road. This included pulverizing existing roadway, brushing and ditching of shoulders, added granulars to improve the base of the road and a new wear surface of double surface treatment applied.□	\$75,551.91	\$141,680.83	April 14, 2016	December 30, 2016	Yes
9837	City of Woodstock	Reconstruction of Northland Crescent	Supply & place hot mix asphalt to provide safe, serviceable road pavements, that maximize sustainability in future use. Pulverize existing asphalt pavement, remove existing road base, mix pulverized material with new granular base and place hot mix asphalt containing a specified percentage of millings (RSP)	\$256,105.88	\$843,455.85	May 1, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9838	City of Woodstock	Paving Trails at Multiple Locations	The Hickson Trail and trails in the Acelor-Mittal trail system were paved to provide additional recreation opportunities for citizens.	\$4,565.33	\$31,803.00	May 11, 2016	December 16, 2016	Yes
9839	City of Woodstock	New Sidewalks at Bexley St, Sales Dr, Short Ave and Ridgewood Dr	Construct new sidewalks at various locations to provide better pedestrian access.	\$25,000.00	\$126,319.17	August 4, 2016	November 30, 2016	Yes
9840	Town of Wasaga Beach	39th Street Urbanization	Installation of storm sewer, concrete curb and gutter and sidewalks including resurfacing. This project was directly adjacent to a Public School and the road now includes sidewalks and curbs to increase safety and promote healthy habits.	\$360,712.67	\$500,989.82	July 1, 2016	December 31, 2016	Ongoing
9842	County of Dufferin	Resurfacing County Road 15	resurface 4.8 km of County Road 15	\$500,000.00	\$500,649.00	April 4, 2016	December 15, 2016	Yes
9843	County of Dufferin	Resurfacing Prince of Wales Road (Road 19)	resurface 3.1 km of Road 19 aka Prince of Wales Road	\$575,000.00	\$575,147.00	April 25, 2016	December 15, 2016	Yes
9844	County of Dufferin	Resurfacing County Road 24 (Trafalgar Road)	resurface 7.2 km of County Road 24 aka Trafalgar Road	\$654,000.00	\$1,826,114.00	May 2, 2016	December 15, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9846	City of Woodstock	2016 Asphalt Resurfacing at Various Locations	Supply & place hot mix asphalt to provide safe, serviceable road pavements, that maximize sustainability in future use. Pulverize existing asphalt pavement, remove existing road base, mix pulverized material with new granular base and place hot mix asphalt containing a specified percentage of millings (RSP)	\$600,000.00	\$1,103,171.53	March 4, 2016	December 30, 2016	Yes
9847	Municipality of Sioux Lookout	Reconstruction of Wellington St and Fifth Ave Intersection	The Municipality undertook the reconstruction of the intersection to provide safe site lines for the commercial properties located on all four corners of the intersection and to facilitate better traffic flow. Improvements to pedestrian walkways and lighting was designated for safer crosswalks. Additional upgrades were also made to the water distribution and sanitary sewer mainlines. Bike lanes were also installed to ensure safe travel of bikes.	\$191,631.00	\$1,640,122.00	March 2, 2015	December 30, 2016	Yes
9848	Township of James	Resurfacing and Drainage Improvements at Ontario Street	This project included the resurfacing of 1.9 km. of Ontario Street and refreshing approximately 244 metres of drainage ditches.□ Over the years the drainage ditches have grown in and caused spring run-off to flow onto the road. This has resulted in the erosion of Ontario Street.□ The quality of the road and drainage ditches have been improved and will better serve the residents of Elk Lake for many years.	\$29,126.18	\$99,198.18	May 6, 2016	September 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9853	Region of Halton	Road Resurfacing Winston Churchill Boulevard (2016)	Removal of asphalt and replacement with new hot mix asphalt at the following locations: □ Winston Churchill Boulevard	\$1,051,856.00	\$6,325,837.00	January 1, 2016	December 31, 2017	Ongoing
9855	Township of Rideau Lakes	Hartsgravel Road Surface Treatment	Preparation work and surface treatment of Hartsgravel Road. The improvement of this road will result in a higher degree of safety and reduced GHG emissions for users. Residents and businesses will benefit from the improved infrastructure necessary to increase the area's tourism potential.	\$117,807.00	\$127,474.22	April 30, 2016	July 31, 2016	Yes
9856	Township of Rideau Lakes	Short Point Road Surface Treatment	Preparation and surface treatment of road. The improvement of this road will result in a higher degree of safety and reduced GHG emissions for users. Residents and businesses will benefit from the improved infrastructure necessary to increase the area's tourism potential.	\$100,028.00	\$108,235.54	April 30, 2016	December 31, 2016	Yes
9857	Township of Rideau Lakes	Purcell Road Culvert Replacement	Replaced three culverts with two larger culverts that produced a slightly higher water flow. Improved culvert alignment with the creek bed. Rebuilt the road over the culverts and installed a new guiderail.□	\$36,742.00	\$39,757.31	August 8, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9858	Township of Rideau Lakes	Reconstruction of Clear Lake Road	Reconstruction of Clear Lake Road. The improvement of this road will result in a higher degree of safety and reduced GHG emissions for users. Residents and businesses will benefit from the improved infrastructure necessary to increase the area's tourism potential.	\$55,748.00	\$60,322.30	April 30, 2016	August 31, 2016	Yes
9878	Township of Puslinch	Resurfacing of Calfass Rd between Victoria Street and Queen Street (Highway 6)	Repaving of 0.1 kms of roadway including traffic control, pulverize existing asphalt, grade and compact road base, repave with 50mm of HL4 asphalt, pave and reconstruct driveways, install curbing and catch basins, repair existing sidewalk, expand parking areas, permanent pavement markings and inspection.	\$250,776.02	\$278,640.02	March 1, 2016	December 5, 2016	Yes
9883	City of Thorold	Reconstruction of Richmond St - From Hwy 58 to Decew Road	Complete reconstruction of road in uneven and poor condition. Including installation of new granular to result in a better road that will last.	\$800,238.78	\$931,239.00	May 1, 2016	December 31, 2016	Yes
9884	City of Sault Ste. Marie	Francis Street Reconstruction	Full reconstruction of the road including sewers, watermain, road surface and sidewalks.	\$372,958.10	\$900,000.00	May 30, 2016	December 31, 2017	Ongoing
9885	City of Sault Ste. Marie	Second Avenue Reconstruction	Full reconstruction of the road including sewers, watermain, road surface and sidewalks.	\$2,299,906.15	\$4,750,000.00	May 30, 2016	December 31, 2017	Ongoing
9886	City of Sault Ste. Marie	Coulson Avenue Reconstruction	Full reconstruction of the road including sewers, watermain, road surface and sidewalks.	\$1,370,973.10	\$2,200,000.00	May 30, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9887	Township of Matachewan	Resurfacing of Roche Street - Dales Street South of Moyneur Avenue	The project involved the resurfacing 4 Streets and Avenues within the Town site. The total length of the street surface was approximately 4 km's in length. The project included the replacement of aging culverts and the redirection storm water through modification of drainage ditches where needed.	\$24,868.80	\$444,029.16	June 12, 2016	October 31, 2016	Yes
9888	Township of Frontenac Islands	Division Street Extension and Resurfacing - Wolfe Island	Resurface and extension of Division Street in village of Marysville, Wolfe Island including sidewalks. 247 metres of new road was constructed and 258 metres of existing road was resurfaced. New sidewalks were added as well.	\$119,708.00	\$301,890.00	May 2, 2016	December 30, 2016	Yes
9889	Township of Leeds and the Thousand Islands	Double Surface Treatment of Sand Bay Road - From Highway 3 to Black Rapids Road	The project included ditching, culvert replacement, rebuilding of the road base and geotextile. A three kilometer section was completed with double surface treatment.	\$332,046.82	\$332,046.82	May 2, 2016	December 30, 2016	Yes
9890	Town of Whitby	Road Resurfacing (2016)	Road resurfacing - hot mix asphalt pavement. To provide safe, serviceable road pavements that maximize sustainability in future use. Roads to be resurfaced in 2016 include Fallingbrook St, Teresa Dr, Harbour St, Wentworth St, Lowder Pl, Chipperfield Cres, and Farnwood St.	\$1,414,658.38	\$1,922,457.00	April 1, 2016	December 31, 2016	Yes
9891	Town of Whitby	Road Reconstruction (2016)	Road reconstruction - hot mix asphalt pavement. To provide safe, serviceable road pavements that maximize sustainability in future use.	\$2,482,780.79	\$4,437,182.00	April 1, 2016	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9893	City of Guelph	Downey Road Traffic Calming Measures (AMO need more details)	Traffic calming measures for Downey Road from Niska to Teal Drive. In 2017 the City will construct the pedestrian refuge islands and curb bump-outs, and add crosswalk pavement markings as described above. On-street bike lanes will be added along Downey Road from Teal Drive to Niska Road as per the Cycling Master Plan	\$7,113.54	\$75,000.00	January 1, 2016	December 31, 2018	Ongoing
9901	Township of Springwater	Rehabilitation and Drainage Improvements at Flos Road 7E from Baseline Road to Old Second North	Rehabilitation of 2.4 lane kilometres of Flos Road 7E from Baseline Road to Old Second North along with drainage improvements for 0.1 lane kilometres. The road section is now in better condition with spot base improvements, ditch cleaning and placement of 50mm HL4 hot mix asphalt.	\$112,657.39	\$112,657.39	September 1, 2016	December 30, 2016	Yes
9902	Township of Springwater	Rehabilitation of Flos Road 7W from County Road 27 to County Road 29	Rehabilitation of 6 lane kilometres of Flos Road 7W from County Road 27 to County Road 29.□ The Road section is now preserved, skid resistance restored and wheel ruts improved with the double application of "microsurfacing" comprised of polymer enhanced oil emulsion slurry and granite. Around 800 residents will benefit from the project.	\$68,500.00	\$114,131.98	September 1, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9903	Township of Springwater	Rehabilitation of Flos Road 4W from County Road 27 to Leo Marley Way	Rehabilitation of 4.6 lane kilometres of Flos Road 4W Road section from County Road 27 to Leo Marley Way. This road section is improved for pavement preservation, skid resistance and wheel rutting with the application of "microsurfacing" comprised of polymer enhanced oil emulsion slurry and granite screenings. Around 2000 residents will benefit from the benefit.	\$45,142.00	\$88,807.17	September 1, 2016	December 30, 2016	Yes
9923	Township of Chisholm	Reconstruction of Golf Course Road including Culverts Replacement	The construction project included the replacement of deteriorated culvert, the significant application of quarry gravel to low lying areas and the application of hard surface treatment to the road.	\$97,870.00	\$255,122.37	March 22, 2016	October 31, 2016	Yes
9924	Township of Norwich	Airport Road Partial Depth Reconstruction + Overlay	Airport Road (section 051A of 2015 Road Needs Study) 2.7 km in length - partial depth reconstruction including replacement of culverts plus overlay of new pavement	\$296,186.54	\$296,186.54	April 18, 2016	December 31, 2016	Yes
9925	Township of Chisholm	Bridge Replacement at Memorial Park Drive	This project included the replacement of a deteriorated bridge with twin culverts.	\$32,584.95	\$63,829.54	February 2, 2016	December 30, 2016	Yes
9929	Municipality of West Grey	Rehabilitation of Kreller Bridge	Replace the concrete deck of Structure No. 57 - Kreller Bridge. The project includes milling of the entire deck, removal & repair of delaminated areas, waterproofing the deck and soffit & exterior curb repairs.	\$162,828.46	\$163,519.54	June 6, 2016	September 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9930	City of Pembroke	Reconstruction of Agnes Street	Full reconstruction of Agnes Street from Pembroke St. West to the Railway Right-of-way. This included replacement of water, sanitary and storm sewer infrastructure and underground electrical. New curbs and sidewalks were included in the project along with new streetscape including benches and garbage receptacles.□	\$631,508.00	\$1,181,637.00	May 2, 2016	November 16, 2016	Yes
9931	Municipality of West Grey	Rehabilitation of Reist Bridge	Rehabilitation of Structure No. 65 - Reist Bridge, including new steel beam guiderails.	\$41,065.12	\$41,065.12	August 1, 2016	September 30, 2016	Yes
9932	Municipality of West Grey	Minto-Normanby Baseline Pavement Resurfacing	Pavement Resurfacing on Normanby Baseline/Minto Pines	\$120,877.42	\$120,877.42	July 4, 2016	August 31, 2016	Yes
9933	Town of Amherstburg	Road Rehabilitation of N Side Rd	The Roads Repair Program was established to repair major sections of roads where the asphalt is in a state of disrepair the goal is to extend the life of the road.	\$174,071.57	\$325,000.00	January 1, 2015	December 31, 2016	Yes
9934	Municipality of West Grey	Sidewalks Replacement on Countess St S and Arthur Street	Replacement of 707 metres of sidewalks in Durham, Ayton and Elmwood that will benefit 12,000 residents	\$57,440.29	\$57,440.29	June 6, 2016	July 29, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9936	Town of Amherstburg	Replacement of Culverts over Alma St, 4th & 5th Concessions North	Replacement of culverts with precast box type culverts in below locations: □ Alma Street over Deslippe Drain - Culvert No. 32/ Fourth Concession North over Darrah Drain - Culvert No. 35/ Alma Street over Faucher Drain Upper Portion - Culvert No. 29.□ Construction of a new deck for Culvert No. 66 - Fifth Concession North over Shaw Drain North.	\$338,001.00	\$948,163.00	January 1, 2016	December 31, 2016	Yes
9938	Town of Amherstburg	Resurfacing of Riviera Pl and Riviera Drive	Riviera & Riviera Place Resurfacing. Including milling of existing asphalt and placement of a minimum of 50mm of asphalt overlay. Length = 300metres. Width = 7.6 metres.	\$60,000.00	\$60,000.00	January 1, 2015	January 5, 2016	Yes
9942	Township of Georgian Bay	Rehabilitation of Nicholson Road	This project included the grinding of the existing road chip-seal surface, placement of 4" of A gravel, mixing of ground material and gravel along with compaction and then the placement of a double layer of surface treatment. The work improves the safety of the road by widening the road platform, smoothing out uneven areas and will be further improved with center line painting in 2017.	\$84,000.00	\$192,360.33	August 2, 2016	October 31, 2016	Yes
9945	Town of Bracebridge	Rehabilitation of McCrank Dr, Daniel Dr, Catharine Cr, Westvale Dr, and Bird Lake Rd	Pulverization, base stabilization, resurfacing and drainage improvements to 4.2 kilometers of deteriorated local roads directly impacting area residents.	\$995,600.00	\$1,111,772.82	June 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9948	Region of Peel	New Britannia Road Urbanization Multi-Use Trail (16-4139)	Construction of multi-use trail along the north side of Britannia Road, between Winston Churchill and Erin Mills.	\$4,686.53	\$500,000.00	January 1, 2016	December 31, 2017	Ongoing
9951	Region of Peel	Extension of the Etobicoke Creek Trail between Brampton and Caledon (16-4137)	This project was funded between the Region of Peel, City of Brampton, Town of Caledon, TRCA and Ontario Municipal Cycling Infrastructure Program, adding 1.5km to the Etobicoke Creek Trail.	\$25,000.00	\$25,000.00	January 1, 2016	October 31, 2016	Yes
9952	Town of Deep River	Reconstruction at Deep River Rd & Algonquin St. with Sanitary Sewer Replacement - Project #48	Road construction with Sanitary Sewer replacement	\$153,045.21	\$848,289.00	May 2, 2016	May 31, 2017	Ongoing
9961	City of Quinte West	Asphalt Resurfacing	The project scope included full depth removal of the existing asphalt surface, storm sewer and ditching improvements, grading of existing road base, the supply and placement of granular material and hot mix asphalt paving and line painting on Belleville Street and Walt Street. The completion of these projects will rectify drainage concerns and restore failing road surfaces.	\$392,905.00	\$482,033.08	July 4, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9962	City of Quinte West	Surface Treatment	The project involved pulverizing and surface treating various sections of rural roads in Quinte West. 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.	\$1,123,610.00	\$2,540,552.44	May 15, 2016	December 31, 2016	Yes
9963	City of Quinte West	Teal Rd	The project scope included accepting proposals for consulting services and the replacement of two existing bridges located at the crossing of Cold Creek on Teal Road, 0.35 km and 0.4 km south of the intersection of Teal Road and County Road 5, including approach improvements and all associated reinstatement. The objectives of the project were to complete preliminary and detailed designs, obtain approvals from all applicable parties and replacement of the existing bridges.	\$407,080.27	\$483,343.83	February 11, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9964	City of Quinte West	Miron Road	The work involved the supply of all labour, equipment and materials for the reconstruction of Miron Road, from Tripp Boulevard to McGill Street. The work items included the removal and replacement of concrete curb, replacement of watermain and its services, replacement of sanitary trunk main and its services, asphalt removal, road base excavation, supply and placement of granular A and B and hot mix asphalt paving. The main objective of the project was the upsizing of the sanitary trunk main.	\$409,468.78	\$409,468.78	June 20, 2016	December 31, 2016	Yes
9965	Township of Lanark Highlands	Galbraith Road resurfacing from the 6th conc to Darling and from the 11th conc. to the bridge	The main objective of the project is to resurface the existing road due to severe degradation. Completion of ditching culvert replacements, rock removal, pulverization of existing surface, gravel addition and resurfacing with surface treatment.	\$267,000.00	\$362,128.24	July 4, 2016	August 31, 2016	Yes
9970	City of London	Road Rehabilitation on Multiple Streets (TS144616)	Annual Life Cycle program to repair and resurface main roads (arterial, primary collectors, expressway and freeways). These roads represent 1,941 lane-km of total 3,700 lane-km of the overall road network. Measures to maintain the road infrastructure range from milling and paving to complete reconstruction. Maintaining the performance of existing roads provides safety, economic and comfort benefits to all road users.	\$7,650,312.00	\$15,425,009.00	March 4, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9976	Township of Nairn & Hyman	Sand Bay Road Surface Treatment	Added gravel to road base in preparation for resurfacing 2.6 kilometers on Sand Bay Road.	\$29,004.64	\$80,573.07	July 11, 2016	July 11, 2016	Yes
9977	Town of Minto	Clifford-Clarke & James Sts resurfacing	this project involves the installation of new water mains and the resurfacing of the road.	\$15,400.00	\$156,024.00	April 10, 2015	November 1, 2025	Ongoing
9978	Town of Minto	Lowe & Walker Sts Reconstruction	Replacement of water and sanitary sewer services and reconstruction of road base and surface.	\$15,400.00	\$101,341.00	May 4, 2015	November 1, 2025	Ongoing
9979	Town of Minto	Bride Road Bridge Reconstruction	complete reconstruction of failing bridge including work on the embankment, deck and guiderails.	\$21,500.00	\$488,437.00	April 6, 2015	November 1, 2025	Ongoing
9980	Town of Minto	6th Line and Gillespie Lane resurfacing	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.	\$33,000.00	\$571,746.00	May 4, 2015	November 1, 2025	Ongoing
9981	Town of Minto	Downtown Harriston Elora St Reconstruction	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 was required.	\$22,000.00	\$1,876,304.00	May 4, 2015	November 1, 2025	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
9982	Village of Point Edward	Road Rehabilitation of Ernest St	Curb removal and replacement. Manhole and catchbasin repairs. Repair broken sewer pipe and supply and install asphalt.	\$61,840.08	\$70,082.34	May 2, 2016	September 30, 2016	Yes
9983	Town of Pelham	Bridge #10 Replacement over Sawmill Rd	Replacement of corrugated steel bridge with a new concrete structure.	\$889,801.00	\$944,239.00	July 1, 2015	December 31, 2016	Yes
9989	Town of Arnprior	Sidewalk Rehabilitation in Various Locations	Sidewalk rehabilitation project for multiple sidewalks across various sections of the Town. Repairs / rehabilitation of identified trip hazards and other deficiencies.	\$100,000.00	\$101,209.37	February 22, 2016	December 31, 2016	Yes
9990	Municipality of Southwest Middlesex	Appin Streets Reconstruction	New sub drains and catch basins installed, fully excavated to install new road base, first lift of asphalt completed, changed water main valves, sidewalk repair and installation, rollover curbs installed and new access approaches.	\$178,162.66	\$641,295.43	April 1, 2016	October 31, 2016	Yes
9995	Municipality of West Perth	Road Rehabilitation of Montreal St & David St	Replacement of David St and Montreal St road base, pavement, curbs, gutter, and sidewalks. Sidewalks are replaced to meet accessibility standards. □ □ Outcome 1.076 km of replaced paved roads, and 632 m of replaced sidewalks.	\$271,166.00	\$450,728.00	May 16, 2016	December 30, 2016	Yes
9999	Municipality of Dutton/Dunwich	Pioneer Line Resurfacing from Willey Road to Stride Road	The scope of the project is to rehabilitate and resurface Pioneer Line from Willey Road to Stride Road.	\$123,726.00	\$200,923.00	April 4, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10001	City of Barrie	Road Resurfacing of Several Streets (2016)	Various road resurfacing projects, which was used to preserve the roads and improve 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's of resurfacing and new asphalt.	\$1,876,149.37	\$4,585,900.00	January 1, 2016	December 31, 2017	Ongoing
10002	City of Barrie	Road and Sub-surface Infrastructure Replacement on Several Roads (2016)	Various road reconstruction projects, which includes 1.3 lane km of new asphalt, 748m of sidewalk, 1,566 m of wastewater, 1,177 m of stormwater, and 1,611 m of new watermain on Mapleview (Huronion to Country Lane).	\$1,395,468.64	\$14,842,734.00	January 1, 2016	December 31, 2017	Ongoing
10011	Township of Chapple	Road Rehabilitation and Resurfacing (2016) Barwick Rd & Emo	Rural Road Rehabilitation Project will support the ongoing rehabilitation of the rural road network with gravel for the resurfacing.	\$69,237.50	\$69,237.50	March 15, 2016	June 15, 2016	Yes
10018	City of Brampton	Torbram Road - CNR Grade Separation	This is a major grade separation structure on Torbram Road at the CNR railway tracks. This road separation will alleviate traffic congestion due to development growth.	\$184,000.00	\$19,589,000.00	September 18, 2014	December 31, 2016	Yes
10022	Township of Faraday	Airport Road Reconstruction from boundary to Woodcox Road	Construction of 1.3km section of Airport Road, starting at the boundary to Woodcox Road. The work consists of Brushing, Ditching, Scarifying the existing pavement and placement of new gravel, culverts and new hot mix pavement.	\$100,000.00	\$474,000.00	June 1, 2016	January 1, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10027	Town of Richmond Hill	Elgin East Trail - Safe Routes for Cyclists and Pedestrians	The Elgin East Trail implements the recommendations of Richmond Hill's Pedestrian & Cycling Masterplan to construct safe routes for cyclists and pedestrians and to develop connections for people to access local amenities by means other than car	\$13,098.00	\$744,600.00	January 1, 2016	December 31, 2017	Ongoing
10028	Town of Richmond Hill	Leslie Street Sidewalk and Multi-Use Trail	The Leslie Street Sidewalk and Multi-Use Trail project implements the recommendations of Richmond Hill's Pedestrian & Cycling Masterplan to construct safe routes for cyclists and pedestrians and to develop connections for people to access local amenities by means other than car	\$15,025.00	\$1,403,500.00	January 1, 2016	December 31, 2017	Ongoing
10029	Town of Richmond Hill	Richmond Hill Lake to Lake Cycling Route	The Richmond Hill Lake to Lake Cycling Route is part of a multi-use trail between Lake Ontario and Lake Simcoe. Phase 1 of this project involves the design and construction of 2.26km of 3 meter wide multi-use trail on the west boulevard of Leslie Street from Hwy 7 to just north of 16th Avenue.	\$668,796.00	\$951,200.00	January 1, 2016	December 31, 2017	Ongoing
10046	City of Cornwall	Asphalt Resurfacing (2016)	In 2016, gas tax funds were used to overlay 5.10 kilometers of asphalt in poor condition throughout various locations in the City. The primary project location (Power Dam Dr) included widening the road to construct 1,270 kilometers of bike lanes. Where required, 1,300 meters of curbs and 20 meters of sidewalks were replaced in conjunction with road resurfacing.	\$2,049,909.12	\$2,324,026.12	January 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10048	City of Cornwall	2016 Sidewalks	In 2009 and 2010, the City of Cornwall developed and adopted a Bicycle and Pedestrian Master Plan to assist with short term and long term sidewalk and bicycle path links. In 2016, the City installed 840 square meters of sidewalk to continue to implement recommendations from the Master Plan.	\$192,754.92	\$192,754.92	June 1, 2016	November 30, 2016	Yes
10049	City of Port Colborne	Traffic Signal Replacement at King St & Clarence St	New replacement of full LED traffic signals with audible push buttons and countdown pedestrian signal heads, accessible entrances to sidewalks with tack tile warning plates, new curbing, sidewalks, repaving of the intersection and pavement marking. The project provides a safe working intersection for both vehicular and pedestrian traffic while providing energy efficiency with new LED signals and battery backup in the event of power failure.	\$163,366.00	\$214,583.00	February 8, 2016	December 30, 2016	Yes
10050	Municipality of Port Hope	Traffic Controller Update - Peter/Hamilton Road	Repair the traffic control signal at Peter Street and Hamilton Road.	\$18,344.28	\$18,344.28	May 5, 2016	June 30, 2016	Yes
10051	Town of Arnprior	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. Includes a storm sewer outlet on Madawaska St.	\$146,691.00	\$5,981,738.00	February 22, 2016	August 15, 2021	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10054	United Counties of Stormont, Dundas & Glengarry	Road Resurfacing & Restoration 2016 (169th Ave)	Annual resurfacing & restoration program on various county roads	\$1,970,856.03	\$10,971,579.00	April 1, 2016	December 1, 2016	Yes
10055	City of Port Colborne	Road Resurfacing (2016) for various streets	Resurfacing of various roads throughout the City. Rehabilitate surfaces through milling, pulverizing, resurfacing with overlays. Base repairs completed where required. Roads include: Fares, Barrick, Michener, Beach, Lakeshore Road West, Bayview Lane, Yager, Charlotte, Princess, Lakeshore Road East and Babion.	\$585,585.00	\$1,026,347.00	June 6, 2016	December 30, 2016	Yes
10059	Township of North Kawartha	Anstruther Lake Road Rehabilitation	The road was a major construction project in 2009. In 2016, it was at its six year point and the shoulders were deteriorating, potholes were occurring and in some areas the road deck was beginning to sink. To maintain the road, the shoulders needed to be repaired, potholes repaired, and the sink holes smoothed and a single surface treatment applied. This was required prior to further deterioration and more expense required to repair.	\$104,000.00	\$139,064.81	June 1, 2016	December 31, 2016	Yes
10071	Township of Laurentian Valley	Reconstruct Sawmill Rd	To complete the surface treatment of approximately 500m section of Sawmill Rd that was reconstructed in 2015. This work is to be completed by contracted services.	\$110,135.37	\$143,018.45	June 1, 2016	June 30, 2016	Yes
10072	Township of North Algona Wilberforce	Griffith Wagner Road Rehabilitation	Griffith Wagner Road reconstruction, ditching, culverts, and gravel in 2016 2017 is scheduled for surface treatment.	\$59,370.23	\$215,000.00	June 1, 2016	November 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10074	City of Burlington	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 100mm of asphalt, installation of a heavy-duty binder and other minor rehabilitation to storm sewers, curb & gutter, and sidewalks. Resurfacing at the optimum time in the pavements life-cycle is a cost effective method of rejuvenating the road asset.	\$12,068.00	\$3,787,566.00	January 1, 2016	December 31, 2018	Ongoing
10081	Municipality of McDougall	Loch Erne Road Surface Treatment	Reconstruction of Loch Erne Road with double surface treatment. Contractor to surface treat length and width of the project road at a minim depth of 150 mm. Contractor provided fine grading and compaction of granular materials to prepare road surface for treatment, including application of water for compaction and dust control, all traffic control and signage	\$164,481.23	\$291,000.00	April 4, 2016	December 15, 2016	Yes
10082	Town of Halton Hills	10th Line Lot 25 Bridge Rehab	The scope of this project includes the rehabilitation of the existing bridge & adjacent road surface. The existing bridge deck and bridge road approaches will be removed and reconstructed. □ Town Project #6200-26-1602	\$849,648.81	\$990,000.00	May 1, 2016	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10084	Municipality of South Dundas	Milling & Paving-Canada Way, Elizabeth Dr, Orchard Way	50mm Milling and HL#3 asphalt of Elizabeth Dr (6396 SQ M), Orchard Way (3750 SQ M) and Canada Way (7320 SQ M)	\$318,882.60	\$318,882.60	July 19, 2016	October 19, 2016	Yes
10085	Town of Halton Hills	10th Line Gabion Wall Repair/Engineering	The scope of this project is to hire a consultant to create a detailed engineering design and acquire the necessary permits to move forward with construction and reconstruction of two retaining walls. □ Town Project #: 6200-27-1612	\$2,152.22	\$130,000.00	May 2, 2016	December 31, 2018	Ongoing
10086	Town of Halton Hills	Churchill Rd Resurfacing & Bike Lanes	The scope is to replace the existing asphalt pavement and will also include minor curb and storm sewer repair. The collector road has exceeded its expected life cycle and has been identified as deficient requiring repair. □ The infrastructure for bike lanes will also be installed (Queen - Rachlin) in accordance with the Cycling Master Plan. □ Town Project #s: 6200-16-1605/6100-10-1608	\$198,575.96	\$790,000.00	May 2, 2016	December 29, 2017	Ongoing
10088	Town of Halton Hills	Rehabilitation & Replacement of Culverts (2016)	The existing corrugated steel pipe culvert Culvert #24/C(CSP) will be rehabilitated (Project #: 6200-26-1601). Culvert #s 37/C & 15232/C will be replaced. □	\$36,856.04	\$820,000.00	May 2, 2016	December 29, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10089	Town of Halton Hills	Northbound Right Turn Lane - Main St N & Ontario Street	The scope of this project is to construct a right hand turn lane on Main Street South Highway No.7. □ □ Town Project #: 6200-16-1602	\$4,158.86	\$100,000.00	May 2, 2016	December 29, 2017	Ongoing
10091	Municipality of South Dundas	Surface Treatment- Hanes Rd	Application of single surface treatment to 0.45 km and 5.7m wide consisting of HF-150P (polymer) emulsion and 3/8" stone chip for the top.	\$7,198.50	\$7,198.50	August 3, 2016	September 9, 2016	Yes
10094	Township of Pelee	Bridge Condition Survey and Assessment- Parsons Road and West Pump Road	The project scope was to expand on the 2015 Bridge/Culvert conditions survey that updated the municipality's inventory to record current structural conditions and to prioritize maintenance and remedial needs. The 2016 condition survey and assessments for the Parsons Road and West Pump Bridges were required in order for the municipality to determine the costs to replace these bridges for long-term financial planning, schedule construction, and as part of their asset management plan.	\$8,337.36	\$8,337.37	July 1, 2016	December 31, 2020	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10098	Town of Halton Hills	Software upgrade for Traffic Signals to improve traffic flow	The scope of this project is to update software used for traffic signal capacity analysis, and to ensure that all signalized intersections are operating at an optimum level of service. Completion of the project 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. □ Town Project #: 6100-05-1603	\$4,557.70	\$30,000.00	May 2, 2016	December 31, 2017	Ongoing
10099	Township of Selwyn	Reconstruction of 14th Line between Northey Rd. & Jopling Rd.	Complete road rebuild including road drainage improvements, ditching, base improvements, reshaping and resurfacing with tar and chip - rural surface.	\$91,700.81	\$132,768.00	March 1, 2016	December 31, 2016	Yes
10100	Township of Selwyn	Reconstruction of 15th Line between Forest Hill Rd. & North School Rd.	Complete road rebuild including road drainage improvements, ditching, base improvements, reshaping and resurfacing with tar and chip - rural surface.	\$27,790.49	\$93,560.00	March 1, 2016	December 31, 2016	Yes
10101	Township of Selwyn	Gore St. Road Drainage Improvements from Garthorne St. to Chemong Lk.	Road drainage improvements including culvert replacement, ditching and new buried storm sewer. These upgrades will also result in enhanced intersection safety.	\$17,208.63	\$17,209.00	January 4, 2016	December 15, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10103	Township of Selwyn	Road Resurfacing program 2016 - various locations	These roadway improvements deal primarily with road surface and ride-ability improvements. 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 base.	\$375,472.12	\$420,966.00	March 1, 2016	December 31, 2016	Yes
10105	County of Bruce	Bruce Road 33E Reconstruction and Resurfacing	Project includes rural reconstruction and resurfacing	\$200,000.00	\$402,874.84	May 2, 2016	September 23, 2016	Yes
10106	County of Bruce	Bruce Road 6 EastF Reconstruction and Resurfacing	Project includes rural reconstruction and resurfacing	\$367,360.00	\$564,738.31	May 2, 2016	October 21, 2016	Yes
10107	County of Bruce	Bruce Road 40 C&E Reconstruction and Resurfacing	Project includes rural reconstruction and resurfacing	\$1,400,000.00	\$2,006,836.00	March 7, 2016	November 25, 2016	Yes
10111	Township of Augusta	Road Reconstruction of Jellyby Road	Pulverize, reconstruct and repave Jellyby Road from County Road 15 to Elizabethtown-Kitley townline Road, Branch Road from County Road 15 to Klitbo Road, 4th Concession Road from County Road 18 to McCully Road and Glen Smail Road from County Road 18 to Elizabethtown-Kitley townline Road.	\$226,451.27	\$1,134,978.05	August 4, 2016	November 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10116	Township of Dorion	Detailed Visual Inspection Ouimet Canyon Road & Coldwater Drive Bridges	<p>Detailed Visual Inspection of two (2) bridges ~</p> <ul style="list-style-type: none"> □ i) Ouimet Canyon Road Bridge over Coldwater Creek□ ii) Coldwater Drive Bridge over Coldwater Creek□ □ <p>Purpose of the inspections was to investigate and identify the physical and functional characteristics of the various bridge components and provide recommendations for remedial repairs, where required.</p>	\$5,596.80	\$5,596.80	May 2, 2016	June 30, 2016	Yes
10120	Township of Black River-Matheson	Reconstruction of 6th Avenue	<p>6th Avenue is located in the Township of Black River-Matheson in the community of Matheson. The Black River-Matheson Fire Department is located on this road and this road has been identified in the town's asset management plan as a priority road for replacement in year 1. The project consisted of replacing the infrastructure underneath and resurfacing the road and sidewalks, along with addressing the storm sewers.</p>	\$713,973.77	\$1,889,734.65	September 12, 2016	November 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10123	Township of Dorion	Road Rehabilitation - Valley Road & Spring Creek Drive	<p>Rehabilitation work on Valley Road and Spring Creek Drive to be completed includes, but not limited to, ditching and brushing for road drainage; clay roadbed excavation; geotextile blanketing with clean fill (pit run for road resurfacing); Granular 'A' road resurfacing and culvert installations as required. □</p> <p>□</p> <p>The main objective, is to improve unpaved roads which strengthens the road base and thereby reduces fuel consumption and greenhouse gas emissions.</p>	\$31,516.86	\$200,000.00	June 29, 2016	December 31, 2016	Yes
10124	City of Waterloo	Marsland Dr Reconstruction	<p>Reconstruction of Marsland Drive from University Ave E to Columbia St. E including underground. Underground costs are funded through rates and Gas Tax funds will be utilized for road expenditures.</p>	\$8,913.00	\$3,391,348.00	March 1, 2016	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10125	Region of Niagara	20000144 - Rds Rehab - 2016 Roads Resurfacing	Repaving the road surfaces to restore it to its original state to help prevent further pavement deterioration. Fly-Mountain to SGrimsby6 King-Brookside to Main Westchester-Hwy406 to Oakdale Queenston-Woodburn to Bunting Townline-Thorold Stone to Lundy's York-Sheppard to Niagara Pkwy Stewart-Lakeshore to Carlton Canborough-Krick to Baldwin Hwy20-Lookout to Cream Niagara-Thorold to W Main Miller-Doan's to Forkes S. Service-Durham to Ontario River-Deeks to Green Gorham-Bertie to Nigh	\$4,000,000.00	\$12,500,000.00	January 1, 2016	December 31, 2018	Ongoing
10126	Region of Niagara	10RC1561 - Rds Rehab - RR1 Dominion- Burleigh to Buffalo	This project involves using an innovative "Design/Build" approach for the reconstruction of Dominion Road between Burleigh Road and Buffalo Rd in the Town of Fort Erie to address the poor road condition (pavement condition index <50) and drainage deficiencies.	\$91,857.24	\$12,165,000.00	January 1, 2016	December 31, 2020	Ongoing
10127	Township of St. Joseph	Canoe Point Road Repaving - Gawas Bay Road to K Line Road	Surface treatment of Canoe Point Road will provide safe, serviceable road pavement that maximizes sustainability for future use. This project has been identified in the municipality's five year roads plan as being in a condition where resurfacing will extend the useful life of the road and thereby avoid complete reconstruction of the road.	\$73,028.45	\$103,214.80	July 4, 2016	August 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10128	Township of Coleman	Resurfacing & Double Treatment - Various Township Roads	<p>The 2012-2016 program included: Single Surface Treatment-25.65 km (51.3 lane km); Double Surface Treatment-4.75 km (9.5 lane km); Granular A; RAP; Grindings-34,895 Tonnes (includes 16.8 km of RAP roads); Safety Upgrades; Addressed Frost Heaves and Soft Spots; 11 culverts</p> <p>The Roads Project was a 5 year construction program to be paid in quarterly installments over a 10 year period. The total value of the project was \$1,880,281.04 (excluding HST); paid installments of \$47,007 until final payment</p>	\$36,301.40	\$1,880,281.04	June 1, 2012	December 31, 2021	Ongoing
10138	Township of Cavan Monaghan	Road Surface Treatment	<p>Resurfaced Fallis Line from County Road 10 .7 km westerly. This was a replacement of the surface treatment which had deteriorated and included gravel topping and a new double surface treatment.</p> <p>Put new surface treatment on Sharpe Line from County Road 10 1.7 km westerly. Originally a gravel surface which was double surface treated.</p> <p>Resurfaced Carmel Line from County Road 10 to Brackenridge Drive 3.2 km. Replacement of surface treatment including new gravel and double surface treatment.</p>	\$150,000.00	\$174,926.84	August 11, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10139	Township of Cavan Monaghan	Sand Dome	The Township previously had a sand dome that needed to be torn down as it was deemed structurally unsafe. The new dome was built as a replacement and is key to providing proper winter maintenance. The Township of Cavan Monaghan's winter maintenance is higher than what is required by the Province's minimum standards. The dome allows access to winter salt and sand quicker and provides more safety on our roads at less time to get the material there.	\$190,000.00	\$247,562.29	October 21, 2016	December 31, 2016	Yes
10140	County of Renfrew	Rehabilitations and resurfacing of County Roads 1, 5, 8, 30, 40, 48 and 50	This project involves the timely rehabilitation and resurfacing of several roads in the County System, including CR 1 (Madawaska Blvd), CR 5 (Stone Rd), CR 8 (Main St, CR 30 (Lake Dore Rd), CR 40 (Greenwood Rd), CR 48 (Magnesium Rd), CR 50 (Gore Line). The project will restore roadways with poor surface condition ratings and renew drainage works.	\$2,630,909.16	\$3,186,175.39	January 4, 2016	December 30, 2016	Yes
10141	Town of Cochrane	Rural Gravel Replacement	Granular 'A' crushed gravel - 1995.15 tonnes to Bentley Lake Road - \$24,248.26 Granular 'A' crushed gravel - 750.65 tonnes to Buffer - \$10,484.00 Granular 'A' crushed gravel - 1710 yards to Con 2&3 East of Genier Rd - \$28,629.17	\$63,361.00	\$158,599.43	March 1, 2016	July 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10143	Municipality of Central Elgin	2016 Single Surface Treatment & Hot Mix Paving	Top lift of asphalt (single surface) was applied to streets in the Eastwood Subdivision (Coulter, Lawton, Bailey, Elmwood, Lois, Bodkin and Centennial Ave.) □ Hot mix paving applied to Erie Street and Carlow Street in Port Stanley.	\$389,446.15	\$479,398.48	April 4, 2016	October 31, 2016	Yes
10146	Town of Cochrane	Sidewalks Replacement	5th st (south side) - 3rd ave to 4th ave (100m) - \$20,141.08□ 12th ave (east side) - 6th st to 5th st (258m) - \$56,367.58□ 6th st (north side) - 8th ave to 5th ave (320m) - \$61,691.70□ 6th st (north side) - 2nd ave to 3rd ave (100m) - \$24,850.81□ 6th st (south side) - 10th ave to 11th ave (100m) - \$21,162.58□ Hillcrest - \$2,511.88□ 7th st - \$3,453.83□ 5th st (by co-op) - \$3,349.17□	\$193,528.00	\$193,528.64	June 1, 2016	October 31, 2016	Yes
10148	Township of East Garafraxa	Road Resurfacing - 17th Line	To asphalt the 17th Line To provide safe, serviceable road pavement that will maximize sustainability in future use. This project will improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and water	\$225,000.00	\$356,749.29	June 6, 2016	September 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10150	Town of Prescott	St. Lawrence Street Reconstruction	The complete replacement of the water mains, wastewater sewers and storm sewers on St. Lawrence Street from King Street to Railroad Avenue. This included the replacement of the sidewalks and relocating the applicable utilities.	\$260,494.48	\$3,114,103.00	May 3, 2016	June 30, 2017	Ongoing
10151	Municipality of Neebing	Memory Road Chipseal Project	The Municipality of Neebing applied a chipseal surface treatment to the full length of Memory Road which is 7.5 km. Memory Road was a gravel road before the surface treatment was completed. The work included building up and repairing the road base, ditching, culvert replacements and chipseal surface treatment.	\$120,761.45	\$386,279.87	August 24, 2015	August 31, 2016	Yes
10152	Town of Kapuskasing	2016 RESURFACING PROJECTS	The entire length of Wolfe Street was grinded and resurfaced using HL\$ asphalt (10M wide x 430M).This gave this roadway which was in dire need of repairs a smooth surface and extending its useful life.	\$148,093.53	\$148,093.53	September 5, 2016	December 31, 2016	Yes
10154	Municipality of Greenstone	Road Rehabilitation of Various Streets in Longlac	Longlac paving of Buell and King street. Both required rehabilitating.	\$142,322.63	\$142,322.63	June 1, 2016	November 30, 2016	Yes
10155	Municipality of Greenstone	Road Rehabilitation Ball Park Rd (Geraldton)	Pulverize and reseal Ball Park Rd in Geraldton. Resurfaced with Chip and Seal.	\$21,191.52	\$21,191.52	June 1, 2016	November 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10158	Municipality of Greenstone	Road Rehabilitation of Various Streets in Geraldton	Paving in Geraldton was conducted in various areas to fully repair deteriorated areas including sites where underground infrastructure repairs were necessary.	\$148,396.20	\$148,396.20	June 1, 2016	November 30, 2016	Yes
10159	Township of Clearview	Road Reconstruction Centre Street	Widened road, added curbs, storm drains, gutters, sidewalk and other.	\$200,000.00	\$498,036.00	June 1, 2016	December 30, 2016	Yes
10161	Municipality of Thames Centre	Bridge Upgrades, Heritage Rd #12	Conduct a detailed study of the structure (above and below) of the complete bridge to ensure stability and the necessity for improvements. This project is part of the 2017 Capital Restoration Budget. It includes: Concrete Repairs (Barriers, Soffits, Piers; Replace Centre Expansion Joint; Deck (Remove Asphalt, Waterproof, Pave, End Treatments (Guard Rail. Estimated completion is September 2017 □	\$9,476.96	\$151,250.00	May 1, 2016	December 31, 2017	Ongoing
10163	Township of North Glengarry	Skye Road Culvert 13b	Road Culvert replacement as per the Township bridge and structure inspection program.	\$11,227.19	\$11,227.19	July 3, 2016	November 30, 2016	Yes
10164	Township of North Glengarry	Skye Road Culvert 13c	Road Culvert replacement as per the Township bridge and structure inspection program.	\$6,505.92	\$6,505.92	July 4, 2016	November 30, 2016	Yes
10165	Township of North Glengarry	McIntee Road Bridge 41	Replacement of McIntee Rd. bridge with large culvert	\$12,271.44	\$12,271.44	September 12, 2016	November 30, 2016	Yes
10166	Township of North Glengarry	Kenyon Concession Rd. 7 double culvert 65	Replacement of the double culvert on Kenyon Concession 7 with 2 new culverts.	\$19,225.45	\$19,225.45	September 12, 2016	November 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10167	Township of North Glengarry	Frasier Rd. Bridge 17	Prepare a rehabilitation vs replacement report for the Frasier Rd. bridge.	\$12,145.06	\$12,145.06	July 8, 2016	November 30, 2016	Yes
10168	Township of Southgate	Road Resurfacing - Various locations (2016)	Microsurfacing and Scratch coat application at project locations.	\$268,224.53	\$268,224.53	January 1, 2016	December 31, 2016	Yes
10169	Township of North Glengarry	Military Rd. Culvert	Replacement of the Military Rd. Culvert, completed in May of 2015, paid in 2016.	\$38,650.51	\$38,650.51	May 4, 2015	November 30, 2016	Yes
10170	Township of North Glengarry	Various Guardrails	Replacement of various guiderails in the Township of North Glengarry.	\$15,321.62	\$64,688.62	October 3, 2016	November 30, 2016	Yes
10171	Township of North Glengarry	Irvine Road Culvert	Replacement of a road culvert on Irvine Road.	\$10,974.27	\$10,974.27	October 3, 2016	November 30, 2016	Yes
10172	Township of Amaranth	Road Resurfacing - 20th Side Road	To asphalt the 20th Side Road to provide safe, serviceable road pavement that will maximize sustainability in future use. This project will improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air and water.	\$93,000.00	\$241,123.66	June 6, 2016	September 30, 2016	Yes
10173	Town of Cochrane	Bridge Replacement	Lillabelle Lake Bridge required replacement	\$13,791.00	\$13,791.00	January 1, 2016	May 31, 2016	Yes
10175	Municipality of Arran-Elderslie	Repave Arran Concession 10	This project was to resurface Arran Concession 10 between Bruce Road 10 and the Grey-Bruce Line with HCB. This project is another in the program to resurface the Arran concession roads between Bruce Road 10 and the Grey-Bruce Line.	\$36,465.61	\$129,257.61	May 23, 2016	May 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10176	Township of Drummond/North Elmsley	2016 Wildlife Road Resurfacing	Wildlife Road Resurfacing - 2 km to sustain the life of the asset	\$180,000.00	\$277,915.00	May 2, 2016	December 16, 2016	Yes
10177	Municipality of Arran-Elderslie	Single Surface Treat Arran Conc. 10 between Bruce Rd 10 and Grey-Bruce Line	Resurface Arran Concession 10 between Bruce Road 10 and the Grey-Bruce Line with LCB. Another road in the Arran concession road program. This section of road was already paved with LCB so this is a rehabilitation project.	\$41,495.77	\$41,495.77	June 21, 2016	June 23, 2016	Yes
10178	Municipality of Arran-Elderslie	Resurface Arran Sideroad 20	Resurface Arran Sideroad 20 between Concession 10 East Arran and Bruce Road 17 with LCB. This section of road was already paved with LCB so this is a rehabilitation project.	\$36,885.16	\$36,885.16	June 23, 2016	June 24, 2016	Yes
10179	Municipality of Arran-Elderslie	Resurface Arran Conc. 8 between Sideroad 20 & Sideroad 15 Arran	Resurface Arran Concession 8 between Sideroad 20 Arran and Sideroad 15 Arran with LCB. This section of road was already paved with LCB and so this was a rehabilitation project.	\$36,885.16	\$36,885.16	June 27, 2016	June 29, 2016	Yes
10180	Municipality of Arran-Elderslie	Resurface Arran Sideroad 15 between Bruce Rd 17 and Conc. 4 Arran	Resurface Arran Sideroad 15 between Bruce Road 17 and Concession 4 Arran with LCB. This section was already paved with LCB so this is a rehabilitation project.	\$36,885.16	\$36,885.16	June 29, 2016	July 4, 2016	Yes
10181	Town of Bancroft	Road Resurfacing Upper Turriff Road	Single Surface treatment for 5.9km to extend the life of the existing surface.	\$62,879.82	\$98,708.82	July 1, 2016	October 25, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10183	Township of Terrace Bay	Sidewalk Replacement on Selkirk Ave	As per Terrace Bay's internal sidewalk replacement program, this stretch of sidewalk ranked as one of the top priorities. Replacement of this sidewalk in a heavily travelled area, was much needed to provide a more safe walking environment for pedestrians and small children. This area includes the town's local swimming pool, recreation complex, as well as two elementary schools.	\$95,111.99	\$132,684.02	September 6, 2016	October 12, 2016	Yes
10184	Town of Bancroft	Road Resurfacing of Chemaushgon Road	To do major area patching with 200 tonnes of material for about 3km to extend the life of the road.	\$24,918.93	\$24,918.93	July 1, 2016	November 29, 2016	Yes
10186	Town of Fort Frances	Kings Hwy Reconstruction Wright Ave to York Ave	Reconstruction of King's Highway 11-71 from west of Wright Ave intersection to east of York Ave intersection approximately 776 meters including the replacement of sidewalks, storm mains, water mains and sanitary sewer within the section of the highway. In 2016 the final lift of asphalt paving was completed as well as the final payment of sidewalk outstanding from 2015.	\$322,918.96	\$3,516,199.34	March 2, 2015	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10189	City of Kawartha Lakes	Hot Mix and Urban/Rural Resurfacing	Hot Mix Asphalt pavement provides safe, accessible and maintainable road sections that will maximize sustainable future use. The projects are high traffic volume arterial and collector roads as well as lower volume streets and being at a condition in life cycle where resurfacing will extend the useful life of the propose road segments. With smooth services the total energy required as the pavement will require less work to rehabilitate.	\$3,236,718.54	\$10,692,553.00	January 1, 2016	December 31, 2016	Yes
10190	Town of Fort Frances	Colonization Rd Reconstruction East from Scott St to WTP	Reconstruction of approximately 655 meters of Colonization Road East from Scott Street intersection to just north of 5th Street intersection including replacement of storm main, water main and sewer main. The final lift of asphalt pavement will be completed in 2017.	\$91,110.88	\$2,935,179.88	January 4, 2016	December 31, 2016	Yes
10191	Town of New Tecumseth	Resurfacing & Road Improvements - 14th line - 15th SR to 1.6km west	The 2016 expenditures relate to the engineering & design regarding the resurfacing & road improvements on the 14th line (from the 15th SR to 1.6 km west). The road construction works are being completed in 2017.	\$70,608.77	\$70,608.77	February 1, 2016	September 29, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10196	City of Waterloo	Salt Shed Building	The City of Waterloo must replace the existing Salt Storage building that is in extremely poor physical condition, environmentally unfriendly and is undersized. The replacement Salt Storage Building will be enclosed to eliminate the migration of salt in to the groundwater and sewer system, while at the same time address the growth of the City with the provision of additional salt storage. This expansion addresses the development of the City's long-term planning priorities.	\$1,624,000.00	\$3,893,400.00	October 1, 2015	December 31, 2017	Ongoing
10198	Norfolk County	Asphalt Resurfacing Program (2016)	Cold planing and asphalt overlay as identified as part of ongoing road maintenance. Norfolk County Road 45 from NC RD 23 to NC RD 28. 2.5km	\$302,890.90	\$375,000.00	May 2, 2016	December 30, 2016	Yes
10199	Norfolk County	Main Street Port Dover Road Reconstruction Phase 1	Complete reconstruction of roads and underground infrastructure. Phase 2 of 3. Main Street, Port Dover from Harbour Street to Chapman Street.	\$431,000.00	\$2,192,000.00	March 1, 2016	September 29, 2017	Ongoing
10201	City of Guelph	Woodlawn Road Multi Use Path - Nicklin to Silvercreek Parkway	Multi-use path on Woodlawn Road West on the north and south side of the road between the existing curb and property line from Nicklin Road to Silvercreek Parkway. The construction work includes placement of a 3 metre wide asphalt path for active transportation use.	\$243,107.92	\$2,400,000.00	January 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10202	Town of New Tecumseth	12th Line Bridge Replacement	An assessment of the 12th line bridge (Concession 11 & 12 Lot 11, approximately .35 Km east of the 10th Side road - structure #12004), to determine if the only the deck can be replaced or if the full bridge requires replacement. Depending on the outcome of the review, construction activities are being anticipated for 2018. Estimated project costs could be approximately \$1.8 million.	\$14,597.50	\$1,820,000.00	July 11, 2016	November 30, 2018	Ongoing
10204	Township of Drummond/North Elmsley	2016 Tennyson Rd - Reconstruction & upgrades	Tennyson Road 14.8 km to be reconstructed. The project will include redesigning and reconstructing existing roadways including a geotechnical investigation, topographical survey, culvert replacement, regarding ditches, pulverizing existing surface, regarding roadway and driveways with new granular material and new surface material.	\$27,243.00	\$2,000,000.00	September 1, 2016	December 10, 2027	Ongoing
10206	Municipality of Central Manitoulin	Sidewalk replacement on Hwy 542 - Forest Street to Yonge Street	The project consists of the replacement of 360m of sidewalk on the south side of Highway 542 from Forest Street to Yonge Street in the Town on Mindemoya. Original construction of sidewalk dates from 1956. The original sidewalk was heaved and significantly cracked. The sidewalks were a potential safety hazard.	\$80,760.00	\$91,258.80	June 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10207	Municipality of Thames Centre	Bridge & Culvert Improvements (2016)	Repair and replace guide rails and concrete abutments to improve safety for traffic crossing the structures. These bridges and culverts carry a variety of traffic including farm vehicles as well as those used by aggregate companies. The improvements to the structure increase the safety of those vehicles and equipment which enables the vitality of both industries. □	\$109,580.35	\$175,000.00	June 1, 2016	December 31, 2016	Yes
10208	Town of Fort Frances	Phair Ave Sidewalk from 3rd Street E to 5th Street E.	Replaced 296 meters of concrete sidewalk along the west side of Phair Avenue between 3rd Street E. and 5th Street East as part of the Phair Avenue road reconstruction project.	\$172,098.46	\$896,698.13	January 4, 2016	December 31, 2016	Yes
10209	Municipality of Thames Centre	Avon Drive (Elgin St west to Municipal Limits)	Rehabilitate the existing hard surface of Avon Drive from Elgin Rd. to the westerly municipal limits. Remove old asphalt, grade the road. Repave and matchup shoulders and driveway accesses. □	\$100,000.00	\$850,954.92	August 1, 2016	December 31, 2016	Yes
10210	Municipality of Thames Centre	Gravel Upgrade Program (2016)	Conduct road dig outs in sections that require it and refill with new gravel followed by an upgrade of additional road gravel to the travelled portion of the road. This increases the safety and capacity of the of road as well as improves the drainage. □	\$203,262.37	\$406,524.74	June 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10211	Town of Fort Frances	Nelson Street Sidewalk from Buter to Shevlin	Nelson Street replace 12 sq. meters of concrete sidewalk in various locations between Butler and Shevlin Yard as part of the Nelson Street Roads project.	\$17,936.87	\$154,432.06	January 4, 2016	December 31, 2016	Yes
10217	Town of Fort Frances	Scott Street Sidewalk Project	Replace paving stones on the North side of the 200 Block of Scott Street.	\$4,701.32	\$4,701.32	January 4, 2016	December 31, 2016	Yes
10218	Municipality of Central Manitoulin	Replacement of Union Road Bridge	The project involves the removal of an existing 60 yr. old bridge structure consisting of wooden piers, abutments, beam and girders as well as a wooden deck surface treated with tar and gravel. A replacement structure will incorporate a new pre-cast concrete arched bridge and a pre-cast concrete headwall structure with a granular road base designed. 2016 Project scope is for design engineering.	\$38,298.87	\$1,118,700.00	January 1, 2016	December 31, 2020	Ongoing
10225	Town of New Tecumseth	Resurfacing of 15th Side road between the 3rd & 5th line	Resurfacing of the 15th Side road between the 3rd & 5th line. The total distance is approximately 2.8 km. The current road segments are an asphalt surface and will be capped with 2 lifts of asphalt.	\$554,149.43	\$554,149.43	January 11, 2016	May 31, 2017	Ongoing
10227	Town of New Tecumseth	Urbanization of Mill Street from McCurdy Drive east for .72km	The urbanization of Mill Street (4th line) in Tottenham from McCurdy Drive easterly for 720 meters including bridge rehabilitation. This project is being undertaken by local developers and the Town portion of the project is being funded by gas tax monies.	\$450,754.53	\$2,557,432.00	April 4, 2016	June 30, 2017	Ongoing
10238	Township of Laird	#N/A	#N/A	\$64,273.63	\$73,753.62	June 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10247	Municipality of Gordon/Barrie Island	The Tenth Road Surface Treatment	The Surface Treatment project on The Tenth Road will provide longevity to the road by improving and replacing surface treatment creating a smooth and safe road for travel. Keeping this alternate route to a highway in good condition with surface treatment reduces greenhouse gas emissions and provides a faster route for locals travelling to work and tourists travelling to destinations in the area.	\$31,984.15	\$80,999.47	June 1, 2016	July 31, 2016	Yes
10254	Township of Gauthier	Road Resurfacing	The project was to resurface certain areas of the main road into the Township and some sections on various streets within the municipality	\$10,012.51	\$35,012.51	August 1, 2016	August 31, 2016	Yes
10256	Township of Perth South	Whalen Line Reconstruction and Drainage Upgrades	Reconstruction and drainage improvements to Whalen Line between Perth Road 139 and Elginfield Road (Highway 7).	\$244,641.96	\$246,484.08	May 1, 2016	December 31, 2016	Yes
10270	Township of Cockburn Island	Replacement and rehabilitation of 10 culverts	Funds to support replacement and rehabilitation of 10 culverts at approximately 200 square metres.	\$2,470.39	\$100,000.00	January 4, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Local Roads and Bridges								
10272	Municipality of Temagami	Spruce Drive Project	The Spruce Drive project is for the replacement/upgrade of approximately 760 meters of water main and sanitary sewer and the complete reconstruction of the road on Spruce Drive from the ONR tracks to the north limit. The project includes all planning, engineering and construction, with the planning stage in 2015 and the construction phase in 2016. This project was also partially funded through OCIF funding.	\$138,003.04	\$2,079,989.71	June 8, 2015	December 31, 2017	Ongoing
10301	Township of Moonbeam	Granular A resurfacing and drainage improvements (2016)	Construction work consists of spreading Granular A on concession roads as well as digging ditches and installing culverts which will extend the useful life of the roads. This will also avoid complete reconstruction.	\$116,167.87	\$116,167.87	June 7, 2016	November 2, 2016	Yes

Total Federal Funds Used: \$371,159,875.05

Total Project Costs: \$1,491,760,081.02

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
639	Regional Municipality of York	York Region Rapid Transit	Gas Tax funds go towards the repayment of debentures used to fund various Transit related capital projects such as, acquisitions of new buses, construction of new garages, enhancements of traffic systems, for the new transit services in York Region. □	\$28,467,125.09	\$200,000,000.00	January 1, 2006	December 31, 2022	Ongoing
2054	Region of Peel	TransHelp Information Technology (080250)	New computer information systems to support the implementation of Automatic Vehicle Locator (AVL) technology on TransHelp buses. It provides GPS capability for drivers and improves efficiency of vehicle resources by enabling improved dispatching and scheduling processes.□	\$108,778.37	\$450,000.00	January 3, 2011	December 31, 2017	Ongoing
3160	Region of Peel	TransHelp Information Technology 090250	Online trip booking and call back module for clients	\$57,337.81	\$660,000.00	May 1, 2009	October 28, 2016	Yes
4242	Region of Peel	Information Technology Access (090252)	Accessibility Brokerage Model – customer feedback module. This project supports the implementation of new online tools for TransHelp customers and includes enhancements to the Trapeze booking and scheduling system to provide online access for customers to manage their accounts.	\$33,789.82	\$125,000.00	January 31, 2010	June 17, 2016	Yes
5311	City of Windsor	Transit Windsor Fleet Replacement	Acquisition of transit buses as approved by the Board of Directors and City Council.	\$1,450,000.00	\$6,160,500.00	January 1, 2009	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
5357	City of Ottawa	905176 LRT (Tunney's to 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.	\$45,265,489.00	\$1,676,758,892.00	January 1, 2011	December 31, 2018	Ongoing
5362	City of Ottawa	905979 O-Train Service Expansion	To double the frequency of the O-Train services We will purchase six new trains and modify the tracks as well as the facility.	\$360,800.00	\$60,018,730.00	January 1, 2011	December 31, 2017	Ongoing
5372	City of Mississauga	Malton Satellite Bus Storage Lot Refurbishment	This project will refurbish the storage/parking area of the bus terminal in Malton (satellite #2).	\$11,549.76	\$597,885.00	September 7, 2011	December 31, 2016	Yes
5379	City of Mississauga	Transit GTA Farecard Project #7223	This project is expected to work in conjunction with other transit systems in the GTA to facilitate public transportation the GTA, allowing for a seamless, paperless and cashless process.	\$8,953.43	\$9,781,000.00	December 20, 2007	December 31, 2019	Ongoing
5436	City of Brampton	Transit Business Systems Automation	In order to provide higher level of customer service an upgrade of the current Transit Scheduling system along with enhancements to provide on-line services to Bus drivers and Transit Dash Board reporting.	\$8,874.42	\$894,683.02	June 1, 2011	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
5463	City of Kingston	Program #99349 - Downtown Terminal	Study will provide information on the type, design and potential locations for a terminal, as identified in the Transit Redevelopment Plan published in August 2011. Funding has been identified in the 10-year capital forecast at \$2M in 2017.	\$2,309.78	\$200,000.00	January 1, 2011	December 31, 2017	Ongoing
5866	City of Burlington	IVR System Replacement	A new interactive voice response system that will provide information to customers on scheduled bus times using various media, including voice, text and emails. The system will also support technologies such as text to speech and speech recognition, assisting persons with disabilities.	\$381,709.14	\$1,720,000.00	September 1, 2012	December 31, 2016	Yes
6028	City of Mississauga	Transit Bus stops/pads/signs - replace. #12225	The replacement of bus stops, bus pads and bus signs along the Mississauga Transit routes.	\$8,591.04	\$140,000.00	April 11, 2012	December 31, 2016	Yes
6044	Region of Peel	TransHelp Bus Retrofit (110249)	Retrofit of existing rolling stock for system changes/upgrades and accessibility features(e.g. upgraded flooring, stanchions bars etc.)	\$49,552.42	\$400,000.00	September 3, 2012	December 31, 2017	Ongoing
6045	Region of Peel	VCOM Software/Hardware Replacement for TransHelp (118920)	This project includes an upgrade of the entire voice radio communication systems for the Region including the two-way radio system TransHelp uses for communication between dispatchers and bus drivers.	\$46,119.42	\$11,389,000.00	January 3, 2012	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
6073	City of Ottawa	West Transitway - Bayshore Station to Moodie	To extend the West Transitway from Bayshore Station to Moodie Drive as an exclusive bus rapid transit facility on the north side of Highway 417. The project involved construction of the transitway, including a transit station at Moodie Drive and an at-grade crossing at Holly Acres Road.	\$11,300,000.00	\$19,429,137.00	January 2, 2012	December 31, 2018	Ongoing
6074	City of Ottawa	906247 Revenue Bus Replacement (Double Deckers)	75 double-decker (DD) buses to replace 158 low-floor buses, the oldest, lowest-capacity in the fleet, with poor availability and high maintenance costs. DDs can carry more customers than any other bus type, at about the same capital cost as an articulated bus and in the same road space as a 40-foot bus. Amended to increase to 81 Buses.	\$6,189,779.00	\$73,387,981.00	January 1, 2011	December 31, 2016	Yes
6316	City of Brampton	Automated Vehicle Maintenance Monitoring System	As part of the automated vehicle monitoring system, IT equipment was installed in 10 conventional and 10 Zum rapid transit vehicles as a pilot to monitor the vehicle's maintenance systems for fault and failures in order to successfully avoid possible service interruptions.	\$8,065.04	\$250,000.00	January 1, 2012	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
6906	Region of Peel	TransHelp Vehicle Purchases /Replacement (2013)	Replacement of old TransHelp and Caledon Community Services vehicles. The projects also included the addition of new vehicles to support client growth due to changes as a result of the Accessibility for Ontarian's 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.	\$1,226,657.77	\$3,753,725.00	January 1, 2013	December 31, 2018	Ongoing
7012	City of Brantford	Bus Stop Accessibility Improvements (2013)	Bus Stop Accessibility Rehabilitation. Add concrete bus pads at 100 bus stops to improve accessibility for customers of Brantford Transit and improve the loading location after snow is cleared.	\$45,928.44	\$48,939.87	February 15, 2013	December 31, 2016	Yes
7055	City of Ottawa	906950 Transitway System Improvements 2013	This project will undertake improvements to the Transitway and associated facilities for the benefit of our customers, operators and network operations. Specifically, work will include any required safety modifications, measures to improve operational efficiency or bus reliability, improving customer facilities, ensuring compliance with regulatory standards and minor infrastructure changes. Safety Modification to Light Rail - Alertness System, Deadman's Handle	\$268,000.00	\$487,249.00	January 1, 2013	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
7059	City of Ottawa	Ottawa Light Rail Transit - Associated Civic Works	Municipal infrastructure projects that, due to their location or planned construction schedule, are more effectively implemented as part of the Confederation Line construction. This would include cash allowance work managed by RTG that was integrated with the construction to achieve improved fiscal management and to benefit from economies of scale resulting from existing Confederation Line construction work. Please see details below in Additional Comments.	\$289,000.00	\$52,352,721.00	January 1, 2013	December 31, 2017	Ongoing
7358	City of Burlington	Transit Operations Facility Upgrade	Upgrade of the transit headquarters with the installation of a bus hoist, fuel exhaust fan, air compressor, and security equipment.	\$27,284.88	\$631,456.00	May 1, 2014	December 31, 2016	Yes
7498	City of Brampton	Transit Signal Priority - 084760	To provide transit signal priority with traffic intersection upgrades and upgrade to software on Eagle Systems.	\$142,651.51	\$1,300,000.00	January 1, 2008	December 31, 2017	Ongoing
7518	City of Brampton	Bus Refurbishments - 144680	Refurbish buses for the purpose of meeting service needs, safety and to extend their lifecycle to 18 years. This will permit transit to maintain current and future service levels.	\$726,278.91	\$3,134,000.00	January 1, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
7788	City of Ottawa	905978 Para Bus Replacement	Lifecycle replacement of the aging Para Transpo fleet of buses by purchasing 82 new mini-buses. Designed with the community in mind, the new buses feature lower floors, front and rear fold-out ramps and enhanced suspension. The new buses will increase safety and accessibility, while also meeting the needs of the community.	\$4,368,500.00	\$12,970,252.35	January 1, 2012	December 31, 2016	Yes
7795	City of Ottawa	907373 Fare Control System Confederation Line Station	This project funds the procurement and implementation of the Fare Control System 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.	\$10,138,700.00	\$10,528,017.00	January 1, 2015	December 31, 2018	Ongoing
7820	Region of Peel	Accessible Transportation - Mavis Yard Redevelopment	Rebuilding of Mavis to accommodate accessible transportation operations	\$1,430,172.01	\$15,001,553.00	January 1, 2014	December 31, 2018	Ongoing
7933	City of Mississauga	Transit Bus Signs	Replacement of Bus Signage for an expanding MiWay system	\$213,686.22	\$1,200,000.00	January 1, 2014	August 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
7992	City of Mississauga	Transit Facility Repairs (2015)	Central Transit Facility Terminal LED Lighting Retrofit, Water Supply Line, and Exterior Door Assembly. Malton Transit Facility Expansion and Improvements. Semenyk Court Facility - Washroom replacement and Retaining Wall/Chain Link Fence.	\$497,649.92	\$4,347,064.00	January 1, 2015	December 31, 2018	Ongoing
8168	City of Brantford	Brantford Lift Fleet Replacement (2015)	Annual project to ensure that the Fleet for Brantford Lift, the City's specialized transit service, are replaced to maintain acceptable levels of service. Purchased five 2015 Chevy/Goshen G4500 Impulse vehicles to replace aging vehicles for the City's Disabled and Aged transit program.	\$5,566.35	\$395,576.02	April 1, 2015	December 31, 2016	Yes
8237	City of Hamilton	2015 Purchase of Buses for Hamilton Street Railway (HSR)	Reinvesting in our aging stock of infrastructure with the purchase of 60' Articulated CNG powered Low floor Transit Buses to replace retiring 40' Low floor CNG buses. This will address ongoing capacity shortfalls.	\$3,155,000.00	\$9,155,000.00	January 1, 2015	March 1, 2017	Ongoing
8431	City of Brampton	Facilities-185 Clark Blvd. - 151650-006	General replacements, repair & renovations of indoor assets such as structural, mechanical, electrical & building finishes due to wear & tear, functional obsolescence & customer needs	\$365,585.12	\$960,000.00	April 1, 2015	December 31, 2018	Ongoing
8442	City of Brampton	Bus Capital Upgrades - 154680	To refurbish buses for the purpose of meeting service needs, safety & to extend their lifecycle to 18 years. The program will allow transit to maintain current & future service levels.	\$37.85	\$500,000.00	April 1, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
8443	City of Brampton	Bus Purchases - 154690	Low-floor buses for growth & replacement needs. A gradual increase in total fleet size is required to meet the expanding needs of a growing municipality	\$5,052,560.21	\$5,100,000.00	April 1, 2015	December 31, 2016	Yes
8445	City of Brampton	Existing Facility Refurbishment - 154850	Refurbish Transit's existing facility for safety purposes, to meet service needs and to protect corporate assets. Will permit transit to maintain current and future service levels. Facility is aging and requires repair & replacement in several areas - in-ground hoist replacement; overhead door upgrades & downtown terminal renovations.	\$667,229.68	\$1,425,000.00	April 1, 2015	December 31, 2017	Ongoing
8776	Region of Peel	Accessibility Information Technology (150290)	Implementation of software and technology to support the recommendations of the Accessible Transportation Master Plan Service Model.	\$205,869.08	\$425,000.00	January 1, 2015	December 31, 2018	Ongoing
8779	City of Mississauga	Rehabilitation/Replacement of Major Bus Components (PN15203)	Rehabilitation and or Replacement of major capital bus components (i.e. engines, transmissions) that will extend the life of the asset.	\$36,567.92	\$4,214,979.06	January 1, 2015	December 31, 2016	Yes
8780	City of Mississauga	Capital Equipment for Bus Rehabilitation	Mechanic equipment procured for diagnostic and rehabilitation of MiWay Transit service.	\$68,698.14	\$145,000.00	January 31, 2015	March 31, 2017	Ongoing
8782	City of Mississauga	Transit Mini Terminals/Bays/Bus Loops	The replacement of bus, stops, bus pads and bus signs along the MiWay Transit routes.PN# 15227 and 16227	\$188,958.10	\$200,000.00	January 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
8784	City of Niagara Falls	Expansion of Dorchester/Morrison Hub	The platform was lengthened and the vehicle parking spots were eliminated on west side of the terminal to accommodate 4 more buses. Lunch and washroom facilities were provided for the operators.	\$28.55	\$250,000.00	November 1, 2014	December 31, 2016	Yes
8926	City of Ottawa	906169 OLRT Transition	This account is linked to the Mobility Matters section of the light rail procurement documents. This project provides the resources to implement the decisions of Council and the Commission connected with the construction and start-up of the Confederation Line. Included are bus detours as sections of the Transitway are closed, customer information and wayfinding, and project management support for OC Transpo business and service delivery changes.	\$16,011,984.00	\$55,422,548.00	January 1, 2013	December 31, 2018	Ongoing
8927	City of Ottawa	Repair and Rehab of Transit Roadways at Various Locations	This program provides for engineering and construction activities to maintain and rehabilitate the existing transit roadway infrastructure. The activities include asphalt overlays, rehabilitation of concrete pavements and other surface repairs/rehabilitation works on roadways dedicated to transit and at transit stations.	\$1,390,000.00	\$2,551,124.00	January 1, 2015	December 31, 2020	Ongoing
9043	City of Brampton	Bus Capital Upgrades - 164680	Refurbish buses for the purpose of meeting service needs, safety and to extend their lifecycle to 18 years. The program will permit transit to maintain current and future service levels.□	\$858,616.75	\$4,375,000.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
9062	City of Mississauga	Transit Capital Bus Maintenance PN16203	The replacement of Transit bus engines and transmissions	\$2,026,415.95	\$4,800,000.00	January 1, 2016	December 31, 2017	Ongoing
9065	Town of Cobourg	Installation of Transit Shelters	Installation of transit shelters for municipal bus system. This shelter is in an area near a new seniors residence.	\$10,501.63	\$30,000.00	December 9, 2015	December 31, 2017	Ongoing
9253	City of Brantford	Para-Transit Vehicle Replacement (2016)	Several replacement para-transit vehicles are purchased each year in order to maintain the overall average age and condition of the City's full para-transit fleet and to ensure consistency and quality of our specialized transit service.	\$6,240.94	\$400,000.00	March 1, 2016	December 31, 2017	Ongoing
9254	City of Brantford	Transit Fleet Replacement (2016)	Allocation to replace transit fleet as life cycle needs dictate. Two fully accessible replacement buses purchased.	\$625,000.00	\$1,100,000.00	February 1, 2016	December 31, 2017	Ongoing
9255	City of Brantford	Conventional Transit Fleet Capital Upgrades (2016)	Replace major components(engines, transmissions, drive trains)of 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 on-going, thorough regular routing maintenance, allows the City to maximize each vehicle's life cycle and avoids the need to purchase replacement buses prematurely outside of our conventional transit fleet replacement schedule.	\$100,000.00	\$200,000.00	February 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
9271	City of Brantford	Bus Stop Accessibility Improvements (2016)	Program to continue to make all bus stops within the City accessible by having concrete pads at all locations for our passengers with limited mobility.	\$3,165.14	\$50,000.00	January 1, 2016	December 31, 2017	Ongoing
9288	City of Clarence-Rockland	Bike racks on buses and bus shelter	The Community Services and the Public Transit Advisory Committee had discussions during committee meetings in early 2014 in regards in having some buses that would to go through Morris Village. A 6 months trial run was done which started on November 3, 2014 and since that time we haven't stop since we have the demand from users and the ridership is better served. Upon doing these 2 new runs through Morris Village these new infrastructures (Bike rack and bus shelter) are needed Corbeil ST	\$13,434.34	\$13,434.34	April 18, 2016	January 31, 2017	Ongoing
9389	Town of Cobourg	AVL and Web App for Transit System	This tracking device for the transit buses will allow bus riders to check the location of their transit bus on the Town website and gather other information such as delays before they head out to the bus stop	\$9,893.11	\$12,000.00	September 6, 2016	December 31, 2017	Ongoing
9585	City of Ottawa	Renewal of Operational Transit Equipment	This project funds the planned preventative maintenance program and renewal of facilities and stations to prevent failure and to ensure continuous operations. This program also includes refurbishment and replacement of tools and equipment that have reached their expected end of life.	\$2,200,000.00	\$4,344,008.00	January 1, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
9587	City of Ottawa	O-Train Trillium Line and Alstrom LINT Trainsets Lifecycle Investment	This project will fund track infrastructure and lifecycle costs to maintain the O-Train Trillium Line and the Alstrom LINT trainsets in a state of good repair.	\$640,000.00	\$710,819.00	January 1, 2016	December 31, 2020	Ongoing
9588	City of Ottawa	Park & Ride Facilities at Innovation Dr & Chapel Hill	Design and construction of the Innovation Park & Ride Facility at Innovation Dr & Terry Fox Dr & Chapel Hill Park & Ride Facility at Navan Rd and Page Rd. Expected Useful Asset Life: 25-30 years	\$1,048,000.00	\$5,206,261.00	December 31, 2015	December 31, 2020	Ongoing
9590	City of Ottawa	New Bus Lane on St Laurent Blvd between Innes Rd / Industrial Ave & Smyth Rd / Lancaster Rd	St. Laurent Boulevard between Innes Road / Industrial Avenue and Smyth Road is identified as a Transit Priority Corridor. In order to minimize travel delays and infrastructure costs, an exclusive transit bus lane will be created in each direction, with a raised cycle track in each direction between the bus lane and the sidewalk.	\$1,021,000.00	\$1,095,787.00	January 1, 2016	December 31, 2020	Ongoing
9605	City of Hamilton	2016 Purchase of Buses for Hamilton Street Railway (HSR)	Reinvesting in our aging stock of infrastructure with the purchase of 60' Articulated CNG powered Low floor Transit Buses to replace retiring 40' Low floor CNG buses. This will address ongoing capacity shortfalls.	\$3,000,000.00	\$3,000,000.00	January 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
9643	Town of Oakville	Purchase of Conventional Buses to Support New Developments	This project is for the purchase of new smaller capacity buses to allow for expansion of services as the town grows. Service expansion into new developments north of Dundas has recently accelerated and growth is expected to be steady. The 30 foot diesel bus allows for early introduction of transit service into new developments. This will allow for temporary use of roads not necessarily intended for transit in the longer term.	\$208,022.00	\$1,296,272.00	January 1, 2015	December 31, 2017	Ongoing
9740	City of Kingston	Replacement of full size buses	Replacement-full size buses. Two new bus purchases (two new 2016 Novabus LFS Diesel)	\$884,903.96	\$988,000.00	January 1, 2016	December 31, 2016	Yes
9741	City of Kingston	Expansion buses-Express Service	Expansion buses-increase frequency on transit express route service. 2 new 2016 Novabus Low Floor Series and 4 new 2016 Novabus LFS Diesel buses.	\$638,587.27	\$3,401,709.00	January 1, 2016	December 31, 2017	Ongoing
9746	City of Kingston	Transit Technology On-board Equipment	Installation and replacement of real-time GPS system and AODA on-board stop announcement system.	\$397,945.46	\$722,278.00	January 1, 2016	December 31, 2017	Ongoing
9831	City of Thunder Bay	Transit Stops Upgrades	Transit stop upgrades to include hard surface mobility pads, to improve accessibility, and shelters to improve stop amenities. Project will also include transit signage at bus stops, terminals and transfer points.	\$23,516.16	\$129,450.00	April 1, 2016	April 1, 2020	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
9879	Region of Peel	Transhelp Vehicle Purchase (16-0248)	Purchase/replacement of 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 Ontarian's 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.	\$46,131.94	\$693,000.00	January 1, 2016	December 31, 2018	Ongoing
9922	City of Mississauga	2016 Replacement of Platform, Roof and Ramp at Various Transit Facilities	Replacement of Platform Surface at the City Centre Transit Terminal. Escalator and Elevator Modernization, Roof Replacement and Ramp Replacement at Transit Buildings. Mechanical Replacements at Malton Transit Terminal	\$526,274.48	\$2,260,100.00	January 1, 2016	December 31, 2017	Ongoing
9966	City of London	Bus Replacement Program (2016) (MU104416)	Ongoing program of replacing buses supporting the maintenance of assets in a state of good repair, mitigating vehicle maintenance cost and supporting services reliability.	\$1,500,000.00	\$8,147,668.00	February 1, 2016	July 15, 2016	Yes
9987	City of Sarnia	40 Foot Low Floor Accessible Nova Passenger Bus	This bus will replace a 14 year old passenger bus that has exceeded its useful life. It will be purchased under the Metrolinx Transit Procurement Initiative at a significantly reduced cost. The main objectives are to reduce overcapacity trips on the Exmouth/Lambton College corridor, and reduce maintenance costs.	\$143,000.00	\$497,724.47	January 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
10004	City of Barrie	Replacement of Public Transit Buses	Replacement of Barrie Transit conventional and specialized fleet vehicles. This project includes the replacement of four forty foot conventional transit buses and two twenty eight cutaway style accessible buses. Each conventional transit bus carries approximately 300 passengers per day to and from their destinations. Specialized transit busses provides safe public transportation to members of the community who may be unable to utilize conventional buses for a variety of reasons.	\$1,982,170.00	\$2,169,379.00	January 1, 2016	December 31, 2017	Ongoing
10009	City of Barrie	Transit Terminal Air Handling Unit Replacement	Replacement of a Transit Terminal air handling unit originally installed in 1992 that failed at the onset of the 2016 / 2017 heating season. The original gas-fired make-up air unit was significantly oversized and its replacement has been resized following current ASHRAE standards to provide significant ongoing operating cost savings.	\$124,777.30	\$200,000.00	January 1, 2016	December 31, 2017	Ongoing
10023	City of Brampton	Transit Scheduling Software Upgrades	Integrated set of software modules that supports bus scheduling, crew scheduling, dispatching and hence contributing to scheduling efficiencies which would increase ridership through reallocation of resources.	\$101,760.22	\$550,000.00	January 2, 2016	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Public Transit								
10045	City of Mississauga	Transit Bus Stops/Pad/Signs Accessibility at City Centre Transit Terminal	Transit Bus Stop/Pads Accessibility - Replacement, Transit MiWay Signs PNs 15225, 16215 and 16225	\$353,771.52	\$406,272.00	January 1, 2016	December 31, 2017	Ongoing

Total Federal Funds Used: \$158,774,546.37

Total Project Costs: \$2,295,661,174.13

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
7456	Municipality of Clarington	Facilities: Building/Equipment Upgrades (2014)	Install motorized curtains on the gym west wall and lower lobby west windows of the Newcastle District Recreation Center. □ Adding ductwork and diffusers to improve heating and air movement in pool change rooms and pool deck corridor at the Courtice Community Center. □ □	\$75,117.08	\$135,477.77	April 4, 2014	December 31, 2016	Yes
8062	City of Guelph	Recreation Facilities Upgrades and Improvements	Capital repairs and upgrades at Recreation facilities, including energy efficiency improvements, improvements to amenities and general lifecycle replacement. The project includes but is not limited to ventilation replacement at West End Recreation, Lyon's Pool interior renovations and accessibility improvements and Lyons Park Redevelopment to update the park facilities for accessibility and to include two new junior softball fields. □	\$1,124,470.72	\$4,130,103.95	May 1, 2014	December 31, 2016	Yes
8194	Town of Richmond Hill	Ed Sackfield Arena Twinning	The Ed Sackfield Arena Twinning Project will result in the addition of another ice pad in Richmond Hill providing better options for being active and involved.	\$605,558.00	\$2,706,600.00	April 1, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
8310	City of Kitchener	Upper Canada Park Redevelopment	The redevelopment of the district park would address aging park infrastructure, insufficient ball diamond capacity and inefficient/undersized diamonds by re-aligning and improving field conditions. Development would include upgraded ball diamonds, park washrooms, parking lot, trails access, connectivity to the community centre and shared park amenities.	\$114,305.00	\$1,474,337.00	April 15, 2015	November 30, 2018	Ongoing
8437	City of Brampton	Facilities-Century Gardens & Chinguacousy Park (RC - 151650)	General replacements, repair & renovations of indoor assets such as structural, mechanical, electrical & building finishes due to wear & tear, functional obsolescence & customer needs.	\$961,701.98	\$3,160,000.00	April 1, 2015	December 31, 2018	Ongoing
8447	City of Brampton	OAR-Playstructure/Playground Surfacing-154954	The replacement of ten (10) playstructures throughout the City. The playstructures have been prioritized from a detailed audit assessment / and from a number of grandfathered CSA infractions to meet current industry standards.	\$653.30	\$1,095,000.00	April 1, 2015	December 31, 2018	Ongoing
8516	Municipality of Clarington	Natural Gas Refueling Station for Arenas	Replacement of natural gas refuelling station for the ice resurfaces. RRC / DSC / SCA – Olympia	\$18,688.38	\$55,703.62	January 2, 2015	December 31, 2016	Yes
8566	City of Brampton	OAR-Shade Structures - 154954-005	To install permanent shade structures throughout the City	\$4,213.24	\$935,000.00	April 1, 2015	December 31, 2018	Ongoing
8676	City of Welland	St. George Pool Access	An access ramp for handicap will be installed at the St George Pool.	\$74,815.93	\$160,000.00	November 23, 2015	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
8740	City of St. Thomas	Pinafore Park Comfort Station	Replacement of Pinafore Park Comfort Station which is 60 years old and has outgrown the type and amount of users in park. The new facility will have meet the new accessibility standards and use needs for special events and daily seasonal use of park.	\$315,000.00	\$750,000.00	April 1, 2015	December 31, 2016	Yes
8817	Township of Warwick	Watford Park Facilities upgrade	Total replacement of all decaying/rotten wooden bleachers at the Watford Park ball diamond. The new bleachers were constructed from a high grade aluminium and therefore should last for a considerably long time before another replacement will be due. Rebuild of BMX Park with wood kickers. Replaced the condensed chiller header 6" pipe that had rotted and overhauled top-end of compressor. 2017 - Emergency generator and pitched roof for Watford Arena.	\$25,832.07	\$50,928.39	May 11, 2015	December 31, 2017	Ongoing
8895	City of St. Thomas	Pinafore Park Tennis Court Facility Replacement	Replacement of Pinafore Park outdoor tennis courts which were constructed in the 1960's. Surface cracking is at the point where annual filling is cost prohibitive. The facility will also be expanded to include Pickle ball courts and improved lighting for the rehabilitated tennis courts.	\$674,914.00	\$964,000.00	August 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
8953	Town of Georgina	Pefferlaw Ice Pad - Roof enclosure	A roof to be constructed over the Pefferlaw Ice pad. Even with artificial cooling system, sunlight can deteriorate the ice quickly and a large snow fall can be difficult to keep the surface clear. A roof would extend the winter season and provide protection from rain in summer months. It increases the functionality and make significant economic impact to Pefferlaw residents.	\$1,766.82	\$786,230.00	April 30, 2016	December 31, 2017	Ongoing
8994	Municipality of North Perth	Steve Kerr Memorial Complex	The Municipality of North Perth is replacing the current Listowel Memorial Arena with a new complex called the Steve Kerr Memorial Complex. The current arena is past the end of its useful life structurally and the current location is too small. The new facility will better meet the needs of the community in a new location with additional feature for health and fitness and community events.	\$1,154,002.12	\$13,750,000.00	January 1, 2015	December 31, 2018	Ongoing
9023	City of Brampton	Outdoor Amenity Improvements 164954-001	Replacement of play structures, trails & pathways to meet current standards & update aging infrastructure. Installation of new shade structures in city parks. To expand the open space at Rosalea Park & replace existing furniture & signage. □	\$1,339,225.22	\$2,975,000.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
9029	City of Brampton	Repair and Renovation of various Recreation Facilities 161650-066	Replacement, repair, and renovations at the following recreation facilities: Brampton Soccer Centre, Chinguacousy Park, Chris Gibson RC, Earnscliffe RC, Memorial Arena, Peel Village Golf Course & FCCC Senior Centre. Scope of work includes structural, mechanical, electrical, building finishes, furnishings & equipment replacement due to wear and tear, functional obsolescence, and customer need.□	\$1,171,834.98	\$5,470,000.00	January 1, 2016	December 31, 2019	Ongoing
9090	Municipality of Port Hope	Optimist Park Playground Equipment Replacement	This project is to replace the existing 1994 playground equipment at Optimist Park to meet Canadian Safety Association and Accessibility guidelines. Optimist Park is a very busy park that also features a ball diamond. During the ball season, the playground is used frequently. In 2015, PRC staff had to rebuild and reinforce the steel decking on the playground as the existing deck deteriorated.	\$24,766.24	\$49,766.24	April 18, 2016	September 21, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
9135	Town of Hearst	Replacement of Condenser at arena & software for Ice Plant System	Our condenser needed to be changed because it was leaking water on a regular basis. Leaking water accumulated under the condenser preventing us from opening the outside door. We tried patching holes every year but the problem got worst. Our leaking condenser was using lots of water and created ice on fans and inside the unit. Since we installed it, we did not have ice built up anywhere. In 2016, we purchased a Software to control the condenser and complete ice-plant system.	\$50,710.45	\$135,069.16	July 2, 2015	December 31, 2016	Yes
9163	City of Barrie	Tennis Court Rehabilitation Program	The project is to complete surface repair or replacement of tennis courts where there is physical deterioration of existing facilities. Lifecycle maintenance requires colour coat surfacing every ten to twenty years to reseal asphalt surfaces, while the lifecycle of the tennis court as a whole is approximately thirty-five years. Implementation of an annual rehabilitation program will ensure that City tennis facilities are in good repair.	\$150,728.63	\$360,000.00	December 31, 2015	December 31, 2017	Ongoing
9166	City of Barrie	Recreation Facilities Equipment Replacement (2015)	Replaced the Eastview arena sprinkler piping replacement and the ice lamp at BMC.	\$36,116.21	\$299,070.00	January 1, 2015	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
9177	City of Cambridge	Churchill Park Rehab	Project 16K009 - Replacement of a 40 year old children's spray pad due to failing plumbing and concrete components and addition of a service hut to contain controls. The replacement structure is to be designed to complement the park that it serves; Churchill Park. The park was developed in the mid 1960's and contains a Centennial legacy structure of a waterwheel. The spray pad replacement will meet AODA public spaces specifications by having an accessible route access and accessible play feature	\$164,680.19	\$170,000.00	January 1, 2016	December 31, 2017	Ongoing
9182	City of Cambridge	Victoria Park Access Play Structure	Capital Project # 16K014 Replacement of a no longer CSA compliant, 30 year old play structure with failing wooden structural components. The replacement structure is to be designed to complement the heritage neighborhood it serves. It will meet AODA public spaces and playground specifications by having a rubberized surface below it, and have an accessible route access with accessible site furnishings	\$180,000.00	\$213,039.00	January 1, 2016	December 31, 2017	Ongoing
9289	City of Clarence-Rockland	Installation of lights at Hammond Tennis Court	The City of Clarence-Rockland is proceeding with the installation of a set of lights at the new Hammond tennis court. The light system will allow users to play tennis during evenings.	\$1,204.13	\$75,000.00	May 2, 2016	December 29, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
9397	Town of Atikokan	Recreation Wellness Centre	Revamp two existing facilities (pool and arena) into a multi-purpose community wellness centre.	\$490,000.00	\$5,500,000.00	June 30, 2016	December 31, 2023	Ongoing
9403	Municipality of Clarington	2016 Community Facility Energy Systems	To replace, retrofit or refurbish existing elements of various arenas and facilities. Courtice Community Centre - HVAC Roof top unit #5 - Library Courtice Community Centre - HVAC Roof top unit #4 - Library Courtice Community Centre - Makeup Air unit #1 Rickard Recreation Complex - Refrigeration Plant Main Controls Upgrade South Courtice Arena - Heat Pump Compressor Partial Replacement Bowmanville Indoor Soccer - Roof Repairs Newcastle and District Recreation Complex - Roof Repair	\$157,517.20	\$185,859.92	July 4, 2016	December 31, 2017	Ongoing
9462	Township of Red Rock	Overhaul of Bowling Alley Pinsetter at Recreation Centre	The bowling alley at the Red Rock Recreation Centre is regional in nature as it is the only bowling alley in a 100km radius of Red Rock. It has league bowling, senior bowling, Community Living Bowling and the lanes are used extensively by the local schools for kids bowling. The pinsetter broke down and an overhaul had to be done.	\$5,329.87	\$5,329.87	November 22, 2016	November 25, 2016	Yes
9464	Township of Red Rock	Replacement of Brine Pump at Recreation Centre	The brine pump for the arena failed and had to be replaced. Without replacement the ice would have to have come out and no hockey, figure skating or public skating would take place this winter season.	\$5,908.76	\$5,908.76	November 22, 2016	November 25, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
9484	City of Oshawa	Swimming Pools Grouting Program 16110198	Subsequent to an inspection and recommendation by City Staff, this project is to establish a 10-year program for the grouting of walls and floors of the City's swimming pools. The new grouting will enhance the life of tile finishes and concrete walls, preventing leaks and deterioration. Priority will be determined based on pool condition.	\$26,935.92	\$26,935.92	January 1, 2016	December 31, 2016	Yes
9487	City of Oshawa	Recreation / Community Centre Stair Replacement	Further to an inspection by City staff and subsequent investigation by consulting engineers, this project is to remove and replace the interior stairs in the lobby leading into the fitness facility. The stairs are part of the original building construction and they're showing signs of large concrete delaminations and cracking. Replacement of the stairs is required for safety to staff and facility users.	\$22,454.26	\$125,000.00	January 1, 2016	December 31, 2017	Ongoing
9594	Town of Latchford	Roof Repairs of Public Washroom at the Beach	The Town of Latchford owns a campground close to our beach and the playground and washrooms and showers are provided for all people using the campground/beach/playground. The washroom roof needed to be re-done.	\$3,459.84	\$3,459.84	June 1, 2016	June 30, 2016	Yes
9697	Town of Whitchurch-Stouffville	Expansion of Whitchurch-Stouffville Leisure Centre	Expansion of the Leisure Centre to accommodate growth in the community. Project includes expansion of the Library and will include the Latcham gallery.	\$150,537.72	\$6,330,000.00	August 31, 2016	March 30, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
9793	City of Vaughan	Oakbank Pond Park Boardwalk Reconstruction & Park Concrete Walkway Repairs	Replacement of deteriorating boardwalk including new railing, grading, site furnishing and associated works (PK-6489-16). Repair of several Parks walkways which have cracked or heaved representing a significant hazard to park users (RP-6754-15).□	\$18,266.40	\$1,045,787.00	January 1, 2016	December 31, 2019	Ongoing
9800	City of Thunder Bay	Improvements to Playgrounds & Recreational Trails at Various Locations (2016)	Project scope includes design and enhancements to surfaces and playground equipment at Anten Parkette and Minnesota Park and resurfacing of Trowbridge trail system, along with design changes to encourage wider use. Purpose is to renew and enhance infrastructure to improve usage levels and encourage active citizens.	\$102,942.40	\$350,000.00	March 1, 2016	September 30, 2020	Ongoing
9806	City of Thunder Bay	Recreational Facilities Upgrades	Replacement of Exhaust Fan in Current River Arena. Structural Repairs to Bleacher area, re-pointing & caulking of interior block work in Port Arthur Stadium. Exterior painting, re-capping of pilasters, new rubber flooring in washrooms & corridor, new sound system in Delaney Arena.□ Exterior painting, cosmetic upgrades to washrooms and mechanical upgrades to shower areas in Widnall Swimming Pool. Interior Renovations to Locker Rooms, new family spa and saunas on pool deck in Canada Games Complex.	\$224,405.56	\$573,100.00	March 31, 2016	March 31, 2020	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
9829	Town of Hearst	Pool Wall Repair at Claude Larose Recreation Centre	The arena and swimming pool are separated by a concrete block party wall. Part of this wall is exposed over the pool roof. The air was condensing and water was accumulating and freezing in the block cavities. During spring thaw, this ice melted and dripped into the swimming pool roof-party wall joint. The cladding was removed on the exposed wall, we drilled the concrete block rows and inserted foamed insulation to fill the block cavities. No condensation was noticed after the project completion.	\$4,181.62	\$4,643.50	August 1, 2016	December 31, 2016	Yes
9841	Township of Woolwich	Accessibility Lift at Breslau Community Centre	This project involves the installation of a single occupant "Zero pit" lift at the Breslau Community Centre. This project will require a section of the Centre's floor to be opened to the basement and existing interior walls altered in a manner to permit the placement of the lift and its electrical and mechanical components.	\$58,969.70	\$108,969.70	June 30, 2016	September 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
10000	City of Barrie	Renovation of Queen's Park Washroom Building	A Building Condition Assessment has identified that the existing washroom facility is in poor physical condition. Repair and replacement of the roof and exterior envelope of the building, as well as upgrades to the ventilation, electrical, and plumbing systems, will return the washroom to the level of service residents expect of community parks. It will ensure the safety of public and staff who use or maintain the building, and reactive maintenance needs will decrease.	\$222,112.90	\$269,221.00	January 1, 2016	December 31, 2017	Ongoing
10102	City of Guelph	Replacement of Play Structures 2016 & 2017 (Carter Park, Centennial Park, Hugh Guthrie Park etc.)	Replacement of play structures at the following parks: Carter Park Centennial Park Hugh Guthrie Park Jenson Boulevard Park Guelph Lake Kimberley Waverley Springdale Mollison Oak Street West End Community Centre Riverside Park	\$378,694.83	\$2,110,000.00	January 1, 2016	December 31, 2017	Ongoing
10147	Town of Cochrane	Docks Replacement	Replacement of docks situated at Silver Queen Lake and Dora Lake.	\$9,954.00	\$9,954.00	June 1, 2016	September 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Recreation								
10194	City of Waterloo	Mary Allen Park Remediation	Mary Allen park contains contaminated soil and this project includes excavation and removal of all impacted soil, disposal at a licensed landfill and backfill with clean imported material.	\$208,000.00	\$1,224,000.00	January 1, 2016	December 31, 2018	Ongoing
10289	Town of Mattawa	Mike Rodden Arena Infrastructure- Replacement of Condenser and Chiller	Project included the purchase and installation of ice making equipment(New condenser and new chiller) at the Mike Rodden Arena. This infrastructure investment replaced ice making equipment that had past their life expectancy(25 Years) and no longer was repairable.	\$109,779.18	\$118,313.39	January 1, 2016	December 31, 2016	Yes

Total Federal Funds Used: \$10,469,754.85
Total Project Costs: \$57,896,808.03

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Regional and Local Airports								
8145	City of Oshawa	Airport Tree Removal, Tree Trimming, Sign Relocation and Sign Replacement	This project is required to comply with new Federal Airport regulations. The regulation affecting signage stipulates the distance that directional signs must be from the active runways. In order to comply with the regulation, some signs will have to be relocated and some signs will need to be replaced. The regulation also dictates the height of trees surrounding airports. In order to comply with this regulation some of the trees will have to be trimmed and others will have to be removed.	\$70,910.89	\$235,000.00	January 1, 2015	December 31, 2017	Ongoing
9109	City of Peterborough	Airport Industrial Park - East of Airport Road	Construction of an apron/taxiway to facilitate the development of airside industrial lots on the east side of Airport Rd at the Peterborough Airport.	\$1,731,565.97	\$4,850,000.00	March 31, 2016	December 31, 2017	Ongoing

Total Federal Funds Used: \$1,802,476.86
Total Project Costs: \$5,085,000.00

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Solid Waste								
1658	City of Barrie	Landfill Re-engineering	Construction of the final waste cell (Cell 3A) at the City Barrie landfill. Final phase of construction has carried over into 2017.	\$877,519.18	\$48,537,933.00	January 1, 2007	December 31, 2017	Ongoing
4541	City of Guelph	Replacement of Recyclable Baler - Dunlop Drive	Replacement of old baler with a newer baler. The new baler will result in increased operational efficiencies.	\$265,779.24	\$7,365,240.26	March 1, 2010	December 31, 2016	Yes
5212	Regional Municipality of Durham	Energy from Waste Project - Durham/York	The undertaking, as defined by the EA, is a Thermal Treatment Facility capable of processing post-diversion residual waste and recovering materials and energy of sufficient quality and quantity to export to the marketplace (recovered metals, electricity and eventually the possibility of district heating and cooling), with a maximum current capacity of 140,000 tonnes per year. The facility will be designed, built, and operated at 1835 Energy Drive, Clarington, Ontario L1E 2R2.	\$18,601,869.19	\$223,400,000.00	August 17, 2011	December 31, 2019	Ongoing
6329	Township of Assiginack	Assiginack Landfill Expansion on Sucker Lake Road	Existing landfill is reaching threshold of capacity. It requires an expanded landfilling 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.	\$25,805.26	\$450,000.00	January 2, 2012	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Solid Waste								
7117	Municipality of Kincardine	Leachate Treatment Plant	The Municipality will be using gas tax funds for the construction of an on-site leachate treatment facility at the Kincardine Waste Management Centre. Managing the leachate through proper treatment methods directly onsite will reduce our carbon footprint by preventing pollution into surrounding ground and surface waters.	\$596,801.39	\$3,082,144.00	January 2, 2013	December 31, 2016	Yes
7233	City of Guelph	Construction of Public Drop Off at Dunlop Drive Facility	Construction of a new public drop off at Waste Resource Innovation Centre on Dunlop Drive. The new drop off facility will improve the efficiency of vehicles in and out of the facility as well as allow for improved tracking of materials entering the facility.	\$8,776.66	\$2,838,654.34	January 1, 2013	December 31, 2016	Yes
8063	City of Guelph	Solid Waste Leachate System Upgrades - Eastview Landfill	Ongoing upgrades and repairs on existing system at former Eastview Landfill site. This system is intended to prevent residue from the landfill seeping into the groundwater or surrounding areas.	\$37,626.43	\$474,351.98	September 27, 2013	December 31, 2016	Yes
8295	City of London	Replacement of Ancillary Infrastructure of W12A Landfill SW6014-14	Annual program to install and replace the ancillary infrastructure of the W12A Landfill Site, which are required to be installed and replaced to maintain compliance with Environmental Compliance Approval for the Site.	\$36,686.73	\$975,471.00	May 1, 2015	June 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Solid Waste								
8299	City of London	Landfill Gas Collection & New Cell Construction SW6040-14	The construction of new cells including leachate collection system. New cell construction is required to provide disposal capacity for incoming waste.□ Expansion of the landfill gas collection system is required as new cells are constructed. Gas collection system is a requirement of the landfill's Certificate of Approval. Gas collection and flowing reduces odour and greenhouse gas emissions.	\$2,525,382.00	\$4,669,972.00	June 1, 2015	December 31, 2018	Ongoing
8368	City of St. Thomas	Community Recycling Centre	This project is to construct a Community Recycling Centre that will provide residents a location to recycle and dispose of unwanted material that is not accepted at curbside. The facility will assist the municipality it reaching the provincial diversion targets by giving residents the opportunity to segregate and separate material to be diverted from landfill. Materials recycled will include but not limited to construction and demolition material, wood waste, drywall.	\$1,312,980.35	\$2,200,000.00	January 1, 2014	December 31, 2016	Yes
8425	Township of White River	White River Waste Disposal Expansion	In order for an expansion of the current White River Waste Disposal site to be approved, the Environmental Screening process must be completed, after which the Environmental Compliance Approval would need to prepared and submitted. Annual operations and monitoring reports must also be prepared and submitted to the MOE.	\$66,056.94	\$300,000.00	January 1, 2014	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Solid Waste								
8759	City of London	Closed Landfill Management SW6087-14	Capital program for cell capping/restoration, ground water monitoring, well installation, leachate and methane gas control measures at closed landfills for the protection of persons and property to stay in compliance with the Ministry of Environment & Climate Change criteria.	\$83,709.48	\$218,872.00	September 9, 2015	December 6, 2019	Ongoing
8790	Township of Seguin	Stanley House Transfer Station	The Stanley House transfer station will be re-developed with two compaction units for recycling streams and a full size Transtor for household waste. Compaction decreases the number of pickups needed for recycling, reducing costs and energy used, and the move to a Transtor for waste will increase the capacity of the site.	\$230,948.00	\$255,153.44	May 1, 2016	December 31, 2016	Yes
9221	City of Cornwall	Landfill Site-Gas Collection (2015)	The construction project consisted of upgrades to the landfill gas collection system and condensate chamber at the Cornwall Landfill Site located at 2590 Cornwall Centre Road West. The work included the installation of landfill gas piping and appurtenances, repairs to the existing landfill gas collection system and the demolition and replacement of the condensate chamber in the landfill gas flaring compound.	\$232,660.39	\$446,503.22	January 1, 2015	June 30, 2016	Yes
9345	Village of Merrickville-Wolford	Landfill Platform Scale	Install platform scale	\$65,497.47	\$65,497.47	June 30, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Solid Waste								
9472	Township of Harris	Hydrogeological Study	The Township of Harris is having a hydrogeological study done on their Landfill Site to determine a buffer for the Landfill Site.	\$8,288.55	\$20,000.00	October 1, 2016	October 31, 2017	Ongoing
9563	Town of Smooth Rock Falls	Landfill Expansion	The project involves doing a 40 year landfill expansion project for the town's landfill site. With the expansion project that will be completed and the new recycling program introduced on October 2016, the landfill site closure will be pushed by 40 years plus. The current estimated closure of the site is 2 years. The town hired a third party to do the landfill expansion project. The project also includes a review and completion of the 5 year monitoring report that is required by the MOE.	\$9,637.36	\$127,200.00	July 8, 2016	December 31, 2018	Ongoing
9824	Town of Hearst	New Recycling Transfer Station	The Recycling Transfer Station, located on the Municipal landfill site, consists of a 40ft by 80ft structure and loading ramp to store recyclables prior to shipping to the material recovery facility located 300km away. The transfer station allows for the accumulation of recyclable materials in a contamination-free environment until the volume required is reached to maximize shipping costs.	\$75,640.12	\$141,020.88	January 11, 2016	December 31, 2017	Ongoing
9845	County of Dufferin	Waste Services container storage building	construct a building, on Public Works yard land, for storage of recycling containers, both blue-boxes and green bins	\$80,600.00	\$80,600.00	June 6, 2016	May 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Solid Waste								
10203	City of Kawartha Lakes	Lindsay/Ops Landfill Gas Utilization	Design and install infrastructure to collect and flare off landfill gas produced at this site. This will include improvements to the existing landfill gas systems. This project will investigate the possibility of using the captured LFG to generate electrical power.	\$61,500.64	\$61,500.64	January 1, 2015	December 31, 2017	Ongoing
10296	Municipality of Temagami	Briggs Landfill Fencing	The objective of the project was to take action to comply with our C of A for this landfill site. The C of A requires measures to be taken to control access to the landfill site outside of the times that it is open to the public. The project was to supply and install 100 feet of 6 foot high galvanized chain link fencing FFH 9 ga.	\$7,301.00	\$8,120.46	July 6, 2016	September 30, 2016	Yes

Total Federal Funds Used: \$25,211,066.38

Total Project Costs: \$295,718,234.69

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Sports								
7570	Municipality of Port Hope	Jack Burger Sports Complex Revitalization	The Municipality of Port Hope will be revitalizing the pool area at the Jack Burger Sports Complex, including a new pool viewing area, change rooms, adding a family accessible change room, adding a community room and mezzanine space, elevator and accessible components. The current pool portion of the building will be demolished and then rebuilt with new energy systems and a new pool. The Low E Ceiling in the arena will also be replaced, as well as the arena light fixtures.	\$40,510.31	\$6,487,402.00	July 7, 2014	December 31, 2016	Yes
9801	City of Thunder Bay	Improvements to Sports Facilities at Various Locations (2016)	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 to allow the city to support events which attract tourists.	\$80,930.50	\$270,000.00	March 1, 2016	September 30, 2020	Ongoing

Total Federal Funds Used: \$121,440.81
Total Project Costs: \$6,757,402.00

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Tourism								
9703	City of Thunder Bay	Marina Park improvements (2016),	Extension of Sleeping Giant Parkway and construction of new parking lot for improved access for visitors to the Marina and park areas.	\$266,733.29	\$1,500,000.00	March 1, 2016	September 30, 2020	Ongoing
10006	City of Barrie	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 will complete the basic level of interior construction to facilitate occupancy of the Passenger Depot and Dining Hall and the level of site development required to support activities in the buildings and on the site.	\$50,219.15	\$3,800,000.00	January 1, 2015	December 31, 2017	Ongoing
10015	Township of North Frontenac	Clarendon Miller Community Hall Parking Lot - Paving and Better Drainage	This project would consist of providing drainage and paving the parking area at the Clarendon Miller Community Centre to stop the water from running into the park and playground and to enhance parking at the Community Centre which is also recreational Infrastructure. The playground area, walking trail and War Memorial were made possible with the use of FGT dollars in 2014/2015	\$53,643.80	\$53,643.80	June 2, 2016	October 20, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Tourism								
10016	Township of North Frontenac	Scenic Route Rest Stop	This project would include information signage for recreation and economic development in North Frontenac Township; a recreational staging area for parking for those using the snowmobile trails and at trails within the North Frontenac; an accessible outhouse and accessible picnic tables. The project could potentially also involve the installation of a pavilion/picnic shelter for outdoor activities.	\$13,284.81	\$30,539.46	May 1, 2016	September 30, 2016	Yes
10024	Township of Frontenac Islands	Rejuvenate Ferry Docking Property at entrance of Howe Island	Install permanent picnic table, bench, trees, shrubs and perennial flowers at the entrance to Howe Island.	\$6,415.00	\$7,000.00	May 25, 2016	June 30, 2016	Yes
10092	City of Barrie	Expansion of Centennial Park Infrastructure	Expansion of Centennial Park, including 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 will allow this major community park to function at optimum levels, and provide residents and visitors with a beautiful recreational area in the heart of the City's downtown.	\$199,962.24	\$3,730,208.00	January 1, 2016	December 31, 2017	Ongoing

Total Federal Funds Used: \$590,258.29

Total Project Costs: \$9,121,391.26

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
1006	City of Dryden	Wabigoon Drive Lift Station	Design and build a new sewage lift station on Van Horne Ave and Wabigoon Drive to assist with the additional capacity of the residential area built up over the last 20 years. Two subdivisions are serviced by the existing lift station and due to heavy rains in past years, current infrastructure has been unable to keep up to the demand resulting in severe flooding, sewer back-up and water back-up in residents homes.	\$132,357.97	\$3,856,871.91	April 19, 2006	December 31, 2017	Ongoing
3356	City of Markham	Thornhill Storm Sewers Upgrades	This project involves storm sewer upgrades in the Thornhill area based on the Thornhill Stormwater Flood Remediation Class A EA study.	\$101,309.27	\$2,000,000.00	June 1, 2009	July 31, 2017	Ongoing
3568	Township of North Huron	Blyth Creek Storm Drain	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.	\$57,434.43	\$2,000,000.00	January 1, 2009	December 31, 2020	Ongoing
4519	City of Guelph	Storm Water System Investigation and Upgrades	Upgrading of existing Storm Water System. In coordination with complete corridor reconstruction along Bristol St., Stevenson St. and Speedvale Ave. the existing stormwater systems are being replaced and upgraded to improve the overall performance of the system. □ □	\$1,891,150.46	\$8,606,086.90	January 1, 2008	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
5245	Region of Niagara	Smithville Pump Station Upgrade (ZSW0905/SW1012)	Capacity upgrade to service Smithville community.	\$18,225.26	\$800,000.00	January 1, 2010	December 31, 2017	Ongoing
5441	City of Brampton	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.	\$225,201.26	\$8,980,411.00	January 1, 2011	December 31, 2017	Ongoing
6043	City of London	ES2464-11 Separation & CSO Program (2011)	Investigate, monitor, model, develop and implement solutions to reduce or eliminate combined sewer overflows (CSO's). Study work will develop a list of priorities. Projects already planned for design and construction in the short term. Horton Street initiated in 2010 will separate storm and sanitary sewers, which will effectively reduce the volume of storm drainage diverted to the sanitary sewer system and prevent/reduce CSO's to the Thames River.	\$28,254.71	\$3,750,812.00	June 18, 2012	December 31, 2016	Yes
6065	City of London	ES2414-12 2012 Sewer Replacement Program	Replacement of sanitary sewers and storm sewers and private drain connections as recommended by the Sewer Infrastructure Needs Study and the needs of other Engineering Divisions determined on a priority basis.	\$655,914.10	\$9,000,000.00	April 2, 2012	July 31, 2016	Yes
6122	Region of Halton	S2712A - Georgetown WWTP Upgrades - PH1	To replace and refurbish existing travelling bridges and Primary Tanks in Plant B.	\$111,142.00	\$3,429,000.00	December 1, 2009	December 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
6125	Region of Halton	S2716A - WWM - Fourth Ln from Speers to Wyecroft	Replace 300mm Waste Water Main on Fourth Line From Speers To Wyecroft.	\$16,830.00	\$423,208.00	January 1, 2007	December 31, 2017	Ongoing
6126	Region of Halton	S2814A - WWM Speers from Warminster to Morden	Replace 300mm WWM on Speers Road from Warminster Drive Easement to Morden Road due to multiple fractures and a deformed sewer that was installed in 1957.	\$11,346.00	\$2,804,000.00	January 1, 2011	December 31, 2019	Ongoing
6351	Town of Smiths Falls	Replacement of Storm Sewer on Old Mill Road	Town of Smiths Falls needs to replace 60m of existing 750 mm storm sewer due to age and condition. This will help ensure storm water is managed in the area of the Rideau River. The project cost to date relates to design.	\$6,408.80	\$370,573.33	March 11, 2013	December 31, 2017	Ongoing
6449	City of Thunder Bay	2013 Drainage Improvements & Construction of Storm Sewers	2013 Drainage Improvements: construction of localized storm sewers to collect the storm water runoff and direct it major storm systems. This includes rehabilitation of pavements within the project limits. The project will also include the preparation of a Storm Water Management plan for the City. Road to be improved include Copper Crescent, West Riverdale, Fort William Road, Beresford Street – Rupert to Winnipeg.	\$34,744.55	\$1,083,062.00	May 6, 2013	October 1, 2017	Ongoing
6860	Town of Ajax	Stormwater Retrofit - Rain Gardens & Waterfront Improvements	Detailed design of Roadside Curb Gardens on Lake Driveway from Harwood Avenue to Finley Avenue based on the preferred solutions for the Master Plan Environmental Assessment (EA) for Stormwater Quality Retrofit Study for southwest quadrant of the Town.	\$17,068.99	\$520,000.00	October 1, 2013	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
6881	City of Welland	OAW Tunnel Disconnection and Sewer Separation	Redirection of sanitary sewer flows from Atlas Steel Works (ASW) and Salit Steel properties in order to achieve the last component of combined sewer separation in the Oxford Atlas Wellington (OAW) drainage area. By doing so, a considerable reduction in extraneous flow will be achieved as will the final realization of the sizable investments by municipal and regional components.	\$6,053.40	\$15,220.36	February 27, 2013	December 31, 2016	Yes
6891	City of London	2013 Separation & CSO Program (ES2464-13)	Construction of separate storm and sanitary sewers are planned for a number of areas, which will effectively reduce the volume of storm drainage diverted to the sanitary sewer system and prevent/reduce CSO's to the Thames River.	\$11,506.02	\$4,088,000.00	May 1, 2013	November 30, 2016	Yes
6957	Town of Iroquois Falls	Replacement of Sanitary Sewer Pipe	The Municipality is installing a new 375 mm diameter PVC gravity sanitary sewer main to replace a severely deteriorated 380 mm vitrified clay pipe that is partially collapsed. This main conveys a substantial flow from a large section of the municipality including the Hospital and Medical Clinic to a sewage lift station and then to the Sewage Treatment Plant for final treatment and disposal.	\$64,842.68	\$800,000.00	October 1, 2013	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
7001	City of Vaughan	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 (EN-1879-14).	\$23,954.35	\$1,604,615.86	April 1, 2013	December 28, 2018	Ongoing
7076	Region of Halton	S2824A WWTP Upgrade Grit Remove(OAK)	Replacement of Grit removal system installed in 1967 due to age and condition.	\$1,082,100.00	\$9,463,000.00	January 1, 2013	December 31, 2018	Ongoing
7083	Region of Halton	S2943A - PS&Forcemain-PS master(BUR)	Expansion and Renewal of Pump Station.	\$88,350.00	\$3,593,000.00	January 1, 2013	December 31, 2020	Ongoing
7085	Region of Halton	S2905A - Replace Sewer & remove lift station/manhole	Replacement and re-alignment of sanitary sewers which will allow for removal of lift station.	\$79,045.00	\$815,000.00	January 1, 2013	December 31, 2017	Ongoing
7142	City of Sarnia	2013 Pump Station Improvements	This is an upgrade of various sanitary sewer pumping stations throughout including development of a replacement pumping station at Blackwell Sideroad at London Line and implementation of a flow monitoring system throughout the city's pumping station infrastructure.	\$72,814.87	\$2,191,634.07	January 1, 2013	December 31, 2017	Ongoing
7155	Town of Halton Hills	PW Operations Center Storm Water Management Pond	The project will consist of the construction of a storm water management pond and drainage swale, and a permeable paved parking lot.	\$981,191.05	\$8,630,052.62	August 16, 2011	June 29, 2017	Ongoing
7161	City of Waterloo	University Ave Sanitary Upgrade	University Avenue Sanitary Upgrade Project 120010	\$473,292.00	\$1,368,953.00	January 1, 2013	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
7180	Town of Smiths Falls	Cured-in-Place Pipe (CIPP) Lining of Storm Sewer from Jasper Ave to Lower Reach Park Outfall	Gas Tax funds are used to assist the Town in preventing infiltration within the existing storm sewer line located in lower reach park. We would be lining approx. 200 metres of pipe to extend the existing life span of the sewer and ensuring the enhancement and management of outgoing flows.	\$5,734.30	\$90,000.00	August 15, 2014	December 31, 2017	Ongoing
7215	Village of Newbury	Newbury Water and Wastewater Treatment Capital Upgrades	Minor capital upgrades were done at the Newbury sewer plant and funded by the Federal Gas Tax grant. Upgrades such as 1 flow meter, 2 pumps, intake flow meter, control panels and sensors.	\$18,652.25	\$55,000.00	January 1, 2013	December 31, 2017	Ongoing
7280	Town of Latchford	Flushing Sewers & Camera'ing Watermains	By camera'ing our water lines and Flushing our sewer lines, this will allow us to find any possible leaks and support our asset management plans.	\$8,039.01	\$16,551.65	July 1, 2015	December 31, 2018	Ongoing
7571	Region of Halton	S2939A WWM Dean & Feln from Kerr/Stewart to Dvl/Reb	Replacement of existing sanitary sewer due to age and condition.	\$1,115,678.00	\$3,900,000.00	January 1, 2014	December 31, 2017	Ongoing
7768	City of Markham	West Thornhill Flood Control Implementation	This project involves storm sewer upgrades in the Thornhill area based on the Thornhill Stormwater Flood Remediation Class A EA study.	\$2,000,000.00	\$65,000,000.00	July 1, 2014	June 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
7863	City of London	ES2414-13 Sewer Replacement Program	Replacement of sanitary sewers and storm sewers and private drain connections as recommended by the Sewer Infrastructure Needs Study and the needs of other Engineering Divisions determined on a priority basis. Sewers are replaced based on age, material, condition and capacity.	\$331,273.58	\$13,189,400.00	February 1, 2013	September 30, 2016	Yes
7864	City of London	Separation and Combined Sewer Overflow Program ES2464-14	Construction of separate storm and sanitary sewers planned for a number of areas which will effectively reduce the volume of storm drainage diverted to the sanitary sewer system and prevent/reduce Combined Sewer Overflows to the Thames River.	\$276,656.30	\$5,714,000.00	February 3, 2014	August 31, 2017	Ongoing
7872	City of Thunder Bay	Sanitary & Storm Sewer Improvements	Combined Sanitary/Storm sewer separation and construction of new infrastructure on Arthur Street between Edward and Kelly, May Street between Southern and Leith, and Simpson (Hardisty) Street Regulating Manhole retirements. Separation of Combined Storm/Sanitary system and construction of new infrastructure on May Street (Leith to Dease) and McIntosh (floodway to Atlantic Ave.). Infrastructure improvements per Pollution Prevention Control Plan & AMP. □ □	\$19,280.00	\$2,196,412.00	March 4, 2014	December 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
7886	City of Barrie	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).	\$600,291.17	\$2,625,000.00	January 1, 2014	December 31, 2017	Ongoing
7890	City of Thunder Bay	2014 Sanitary Sewer Rehabilitation	Sanitary sewer replacement at various locations: Peter street from Dawson to River, Conmee Street from Chamberlain to Oswald, Harold Street from Donald to Victoria and Cornwall Avenue from Crown to Algoma	\$140,773.00	\$1,671,097.00	March 4, 2014	December 31, 2017	Ongoing
7942	City of Mississauga	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.	\$661,143.87	\$9,915,304.00	January 1, 2014	December 31, 2028	Ongoing
7996	City of St. Catharines	Lakeshore Rd RN14 sanitary/storm sewer	City's share of watermains, sanitary and storm sewers and sidewalks on Lakeshore Rd from Lakeport Road to Lake Street	\$1,199,741.00	\$1,443,095.81	January 2, 2015	June 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
8073	Town of Fort Erie	Crescent Park Storm Drainage Ph 4	Replacement of the existing vitreous clay sanitary sewer with new PVC sewer of same size. Construction of new storm sewer to address localized drainage issues. Replacement of the road structure due to its failing to meet service levels.	\$150,000.00	\$817,764.78	January 1, 2015	September 29, 2017	Ongoing
8094	Region of Halton	S2955A WWM on Edinburgh from Maplwd Dr BUR	Replacement of 1952 sanitary sewer due to age and condition.	\$532,674.00	\$929,750.00	January 1, 2015	December 31, 2017	Ongoing
8099	Region of Halton	S2979A WWM on Reynold, King-Randall St. (OAK)	Replacement of 1966 sanitary sewer due to age and condition.	\$4,823.00	\$839,000.00	January 1, 2015	December 31, 2018	Ongoing
8121	City of Greater Sudbury	Wastewater Projects - 2015	Wastewater projects include sanitary sewer replacements and/or rehabilitation (lining) and are determined based on a review of condition, operational issues and capacity. The projects to be funded with Federal Gas Tax funds are being completed based on the results of this review.	\$635,244.70	\$2,679,000.99	April 2, 2015	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
8172	The District Municipality of Muskoka	BB Beaumont Dr SPS 413018	Upgrade the existing Beaumont Drive Sewage Pumping Station by undertaking a Class EA and either renewing or replacing the station with a new wet well containing submersible sewage pumps and/or control building with electrical / control systems, heating / ventilation system and standby diesel generator. Associated works include modifications to existing sewers and sewage forcemains and chambers. This project has been identified through our Asset Management plan as well.	\$53,109.55	\$1,968,000.00	April 1, 2015	December 31, 2017	Ongoing
8180	The District Municipality of Muskoka	BB Dill St SPS Upgrades 413101	Upgrade the existing Dill St Sewage PS by replacing pumps, installing new mixing & grinding equipment, & renovating/ updating electrical/control systems & heating/ventilation systems. This has been identified through our Asset Management plan as well.	\$137,267.44	\$1,859,000.00	April 1, 2015	December 31, 2017	Ongoing
8226	City of Vaughan	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 to ensure that adequate storage is maintained in the stormwater management facilities at all time. (DT-7039-10, DT-7048-10,PW-2068-14, PW-2069-14, PW-2070-14).	\$49,717.26	\$1,045,000.00	December 31, 2015	December 27, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
8275	City of London	Separation and Combined Sewer Overflow Program ES2464-15	Infrastructure renewal to separate storm and sanitary sewers on Colborne Street and South Street, which will effectively reduce the volume of storm drainage diverted to the sanitary sewer system and prevent/reduce combined sewer overflows to the Thames River. This work will provide immediate and significant environmental improvement over current water quality conditions.	\$22,442.94	\$1,480,000.00	May 1, 2015	September 30, 2017	Ongoing
8361	Township of White River	White River Waste Water Expansion Project	This project involves the expansion and lining of the existing lagoon as a seasonal retention facility in conjunction with the efforts to reduce identifiable sources of possible extraneous flow as well as the replacement of existing forcemains and lagoon influent sewer. The Ministry of the Environment has recommended additional assessment be conducted to identify the potential zone of impact. Pipe failures and repairs have caused the Municipality to identify the replacement of infrastructure.	\$29,730.93	\$1,200,000.00	January 1, 2014	December 31, 2018	Ongoing
8422	City of Markham	SWM Pond Cleaning	Sediment removal from stormwater management ponds	\$457,585.90	\$1,043,200.00	August 1, 2015	October 1, 2017	Ongoing
8423	City of Markham	Storm Sewer Pipe Rehabilitation	Storm sewer repair to reduce flooding risks.	\$246,244.76	\$625,900.00	April 1, 2015	June 30, 2017	Ongoing
8501	Haldimand County	451.0025 Sanitary Sewer Rehabilitations (I&I)	Sanitary sewer rehabilitations and replacements identified through the ongoing inflow and infiltration Program.	\$132.29	\$819,850.00	February 1, 2015	June 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
8581	City of Clarence-Rockland	Storm Drainage Improvements on multiple streets (2015)	- Claude street, Clark street: Road side ditch cleaning/improvements.□ - Forest Hill and Blue Jay subdivisions (multiple roads): Road side ditch cleaning/improvements.□ - Rodrigue street: Storm sewer outlet improvement.	\$482,564.63	\$1,462,743.90	July 1, 2015	December 22, 2017	Ongoing
8586	Township of Hornepayne	Hornepayne Wastewater Refurbishment	Refurbishment of Wastewater Facility and System.□ Not only did we extend the life cycle of the sewer collection & treatment system, components, but the Municipality would like to ensure we could provide a safe, efficient service to residents as well as protecting the environment with regard to water and marine life in the Jackfish River. □ The main functional components of the Plant have been replaced and two of the pumping stations upgraded.	\$193,693.40	\$2,209,734.09	June 1, 2016	December 31, 2016	Yes
8771	City of Mississauga	Downtown Storm Sewer Trunk Repair PN15132	This project involves replacing the existing corrugated metal storm sewer system from Hurontario Street to Cooksville Creek with a concrete pipe storm sewer system. The new system will provide a much greater asset lifespan, ranging from 70 to 100 years.	\$3,172,410.36	\$14,700,000.00	January 1, 2015	December 31, 2017	Ongoing
8836	City of Thunder Bay	Storm Sewers Replacement (2015)	Storm structure replacement - off of Madeline St and at Syndicate and Durban, Storm Sewers - Tarbutt St (Neebing River to Walnut), Walnut Street (Tarbutt to Lillie) and Castlegreen Drive (Wardrop to Coady)	\$41,008.46	\$925,806.00	March 2, 2015	May 15, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
8923	City of Brockville	James Street Storm/Sanitary sewer Reconstruction	The proposed work includes the reconstruction of storm sewers, sanitary sewers, water mains and service laterals. The existing roadway will be reconstructed including granular material, asphalt pavement, concrete curb and gutter, concrete sidewalks.	\$144,733.64	\$330,000.00	July 1, 2016	December 31, 2016	Yes
8989	City of Elliot Lake	Storm Sewer Replacement – Hillside Drive / Civic Centre	This project replaced a 108 meter section of failed storm system. The project objective is installation of approximately 108m of 900 diameter PE pipe to replace an existing, severely corroded 900 diameter CSP.	\$63,922.05	\$155,436.00	October 3, 2016	December 31, 2017	Ongoing
9001	Town of Fort Erie	Catherine St Service Improvements Ph 1 between Central Ave and Niagara Blvd.	Project will replace the existing 100mm cast iron watermain constructed between 1920 and 1939. This undersized main does not provide adequate capacity for the water services and the hydrants on the street. The sanitary sewer, manholes and service laterals have been identified to be in very poor condition and have reached the end of their service life. Several defects and sources of extraneous flow have been identified. The storm sewer will be replacement including total road reconstruction.	\$368,197.00	\$765,000.00	May 2, 2016	October 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
9003	Town of Fort Erie	Catherine St Service Improvements Ph 2 between Concession Rd and Central Ave.	Project will replace the existing 150mm cast iron watermain constructed between 1940 and 1959. The sanitary sewer, manholes and service laterals have been identified to be in very poor condition and have reached the end of their service life. Several defects and sources of extraneous flow have been identified. The storm sewer, manholes and associated appurtenances require replacement. The construction will include total road reconstruction.	\$392,733.00	\$820,000.00	May 2, 2016	October 31, 2019	Ongoing
9097	Region of Halton	S3003A WWM Mill St. W [Birchway-Park Ave.]	Replacement of 1970's sewer due to condition. Project is coordinated with watermain replacement and local road improvements.	\$69,673.00	\$1,898,000.00	January 1, 2016	December 31, 2018	Ongoing
9099	Region of Halton	S2871C WWM on New St from Drury Ln to Martha St	Replacement of 1980's sewer due to condition. Project is coordinated with watermain replacement and local road improvements.	\$1,163,226.00	\$1,732,000.00	January 1, 2016	December 31, 2018	Ongoing
9206	City of Greater Sudbury	2016 Wastewater Projects	Wastewater projects include sanitary sewer replacements and/or rehabilitation (lining) and are determined based on a review of condition, operational issues and capacity.	\$987,886.86	\$987,886.86	April 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
9333	Town of Smiths Falls	Smiths Falls Ave. Sliplining	The combined sanitary sewer will be rehabilitated using cured in place pipe trenchless technology. This prevents neighbourhood and road disruption and decreases overall costs eliminating full replacement and still have a quality pipe to convey waste water.	\$34,434.97	\$36,546.55	June 17, 2016	October 31, 2016	Yes
9361	Municipality of Marmora and Lake	Crawford Drive Servicing Upgrades	Add new sanitary collection sewer and connections to provide sewer service to previously unconnected homes within the urban area.	\$102,439.88	\$821,826.70	April 30, 2015	December 31, 2016	Yes
9481	Municipality of Brooke-Alvinston	Inwood Storm Water and Road Rehabilitation on Weidman Ln, Atkinson St, Park St, James St & Inwood Rd	The storm sewer system on Atkinson St, Park St, James St, Holmes St and a section of Inwood Road were replaced to provide residents with an adequate outlet for storm water and to prevent storm water from entering the waste water system. In addition, the affected roads were rebuilt and new asphalt applied. In the coming year the final (top) asphalt coat will be applied to complete the project.	\$228,681.62	\$957,162.86	June 1, 2016	December 15, 2026	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
9488	City of Oshawa	Storm Water Management Pond Cleaning (2016-2018)	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.	\$36,718.66	\$460,000.00	January 1, 2016	December 31, 2018	Ongoing
9510	Township of Warwick	Sewer Filter Head Maintenance at St Clair Street	Concrete support blocks for sand filter head maintenance. In the previous configuration, the sewer filter head was getting damaged so the design was revised in order to stabilize the sand head filter and prevent further damage as a means to maximize the life cycle through the installation of these concrete block.	\$5,112.16	\$5,112.16	September 21, 2016	December 31, 2016	Yes
9621	City of Owen Sound	Storm Water Backflow Protection	To protect sewer systems from storm water runoff, this project facilitates the disconnection of the service lateral from the storm sewer of residential properties in areas where there is a history of storm was surging and backing up from the City's storm sewer. Pumps are installed to discharge water from residential footing drains.	\$3,677.00	\$250,000.00	January 1, 2016	March 31, 2020	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
9700	City of Thunder Bay	Expansion of Storm Sewer System at Crawford Pl and Cumberland St (2016)	Installation of new stormwater infrastructure on Crawford Place by Local Improvement and replacement of storm mains on Cumberland Street. Construction of new bioswales was included in the Cumberland Street project to also improve stormwater quality.	\$159,999.26	\$220,343.00	March 1, 2016	September 30, 2020	Ongoing
9789	Town of Hawkesbury	Design & Construction of a Snow Storage Facility on Tupper St	Design and construction of a snow storage and controlled melt facility including storm water management and treatment.□	\$10,151.97	\$315,000.00	September 1, 2015	December 31, 2017	Ongoing
9790	City of Vaughan	Storm Pond Cleaning	The removal of excessive sediments from these ponds are required to mitigate the impacts of sediment on the downstream receiving watercourse. Larissa Pond (45A), Pond 8, Audia Pond (Pond 21 A&B). (EV-2089-16, EV-2090-16, EV-2091-16)	\$14,144.67	\$512,400.00	February 1, 2016	December 31, 2018	Ongoing
9819	City of St. Catharines	Storm Sewer Improvements on Lakeshore Road (RN16-06)	Partial funds for City's share of underground works on Lakeshore Rd from Bradmon Dr to O'Mara Dr and from Lake Street to Geneva Street in conjunction with Regional road works	\$75,000.00	\$1,728,680.00	May 9, 2016	December 30, 2027	Ongoing
9849	Region of Halton	S2831B - WWM Navy St/William St/Water St/Easement	Upgrade the collection system to support the Navy and Water St WWPS upgrade as a result of servicing strategy change in the Oakville downtown core.	\$194,306.00	\$1,671,000.00	January 1, 2015	December 31, 2021	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
9850	Region of Halton	S3090A - UV Disinfection system replacement at Georgetown WWTP	UV Disinfection System Replacement	\$106,271.00	\$1,800,000.00	January 1, 2016	December 31, 2018	Ongoing
9894	City of Guelph	Storm Water Funding Study	The results of the Stormwater Management Master Plan are expected to provide background information to proceed to the next stage of finding means to fund the improvements and upgrades to the City's stormwater infrastructure.	\$179,861.79	\$460,000.00	January 1, 2016	December 31, 2017	Ongoing
9943	City of Guelph	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.	\$113,056.25	\$5,515,000.00	January 1, 2016	December 31, 2018	Ongoing
9996	City of Cambridge	Storm Systems Reconstruction 2016 (Queenston Rd, Elgin St, Whitley St etc.)	Replacement/Reconstruction of Storm, Water, Sanitary and Road infrastructure. Also includes replacement of sidewalk, curb, driveway culverts, traffic signs, streetlight renewal and utility relocation.	\$3,129,188.00	\$9,150,340.00	January 1, 2016	December 31, 2017	Ongoing
10005	City of Barrie	Stormwater Pond Maintenance (2016)	Watercourse Detention Pond maintenance activities including a significant amount of sediment removal and vegetation cutting. Includes funds for internal/external surveying and data processing for operational requirements.	\$4,697.25	\$2,218,200.00	January 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
10021	City of Sarnia	Road Resurfacing of Waterworks Road & Relocation of the Donald Lamont Drain	In 2016 the Donald Lamont Drain was relocated on Waterworks Road. In 2017, Waterworks Road will be rehabilitated.	\$9,137.52	\$641,058.13	June 1, 2016	December 31, 2017	Ongoing
10185	City of London	Fanshawe Park Rd Sewer Replacement - Adelaide St to McLean Dr ES4424	Replace sewers in poor condition and introducing new sewers where none previously existed. Work done in conjunction with the Road widening and watermain replacement of Fanshawe Park Road	\$160,959.75	\$350,000.00	March 22, 2016	November 30, 2017	Ongoing
10205	City of London	Sanitary Sewer & Storm Sewer Replacement at various locations ES241416	Installation of upsized storm sewers, replacement of existing sanitary sewers. Sewers in need of remediation are either fully replaced or spot repaired in conjunction with other service and utility upgrades in selected areas.	\$3,707,733.31	\$14,790,000.00	March 1, 2016	December 31, 2018	Ongoing
10226	Town of Grand Valley	Baker Court Sewer Infiltration	Add storm sewer collection system to eliminate inflow and infiltration into the sanitary sewers.	\$70,000.00	\$300,000.00	January 1, 2016	December 31, 2017	Ongoing
10230	Municipality of Wawa	Sewage Lagoon Desludging Process	A desludging process at Cell # 1 of sewage lagoons and placing contents into Geotubes for 1 freeze/thaw cycle located by Cell # 2, which will be tested in Summer 2017. New Aeration system and upgraded blowers were installed for cells, new weights added for aeration system lines on cells # 1 and 2, also blow off valves. The septic receiving station was added.	\$350,752.00	\$1,515,132.00	July 28, 2015	December 16, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Wastewater								
10291	Town of Mattawa	Wastewater Collection Infrastructure- Seal Leaking Manholes	For years, a series of manholes(3) located at the junction of McKenzie and Sixth Street which is the lowest area of the municipality, had been infiltrating groundwater to the point that our lift station pumps were running continuously. These manholes needed to be isolated, sealed, and grounded. This has brought major relief to the lift station pumps which are now only activated on demand.	\$30,805.63	\$30,805.63	April 1, 2016	December 31, 2016	Yes

Total Federal Funds Used: \$30,693,949.51
Total Project Costs: \$271,051,041.16

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Water								
52	Village of Westport	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	\$19,093.20	\$497,000.00	April 1, 2005	February 15, 2016	Yes
615	City of Waterloo	Waterloo Town Square Groundwater Clean-up & Reconstruction	Installed a bioremediation system to clean up the local groundwater aquifer. The system is designed to remediate shallow groundwater that was impacted by an old industrial site and uses nutrient and bacteria injections to promote environmentally-friendly chemical breakdown of the groundwater contaminants. The targets for clean-up are based on the Ontario Safe Drinking Water Act. Reconstruction of Willis Way Extension was done with full underground services (storm, sanitary and water mains).	\$9,009.00	\$525,223.00	July 1, 2005	December 31, 2017	Ongoing
1086	Municipality of Machin	Vermilion Bay Water Plant	Built a new water plant , water storage, treatment equipment, fire pumps, back up generator.	\$56,853.96	\$8,896,226.58	April 1, 2005	December 31, 2028	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Water								
4522	Township of Woolwich	St. Charles/Notre Dame/Isley Water Project	Replacement of the existing water main, reinstatement of the ditches and replacement of the pavement structure. The Township of Woolwich currently experiences ongoing quality and quantity water distribution issues, which will be corrected through this project.	\$21,244.61	\$1,822,294.84	November 1, 2010	December 31, 2016	Yes
4990	City of Pickering	Browning Avenue - Storm Sewer Replacement	Browning Avenue Storm Sewer replacement and installation of oil grit separator as per Frenchman's Bay storm water management master plan. □	\$69,150.27	\$250,000.00	January 12, 2012	December 31, 2017	Ongoing
5205	Town of LaSalle	Town Wide Water Meter Replacement	The Town of LaSalle will be replacing all of the Town's water meters over the next 5 years. These new water meters have no moving parts and will provide 100% accuracy of water readings over the life of the meters. Also, transmitters will enable the Town to take meter readings at any time as the meter reader will be installed on a Town tower. This will enable the Town to identify excess usage (from leaks / watermain breaks) on a faster basis, which will reduce water loss.	\$86,762.30	\$2,500,000.00	June 1, 2014	June 30, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Water								
5250	Township of Woolwich	Woolwich Street South Reconstruction	This project will include the installation of new watermains and new sanitary mains required for adjacent developments. This project will also include sidewalk repairs and sidewalk extensions including the replacement of curbing. □	\$1,161,874.75	\$4,271,557.00	July 4, 2011	December 30, 2017	Ongoing
5285	Norfolk County	New Well Field Environmental Assessment, Simcoe Water	Construction of a new well field on the North East side of Simcoe, Ont. Well water to be pumped to the existing water treatment plant on Fourteenth Street in Simcoe.	\$111,839.33	\$5,500,000.00	October 1, 2010	November 30, 2017	Ongoing
6206	Township of Woolwich	King Street North Reconstruction	Replace / repair deficient watermain, sanitary sewer, sidewalk, and the municipal drain in conjunction with this project. The Township of Woolwich owns watermain, sanitary sewer, sidewalk, and a municipal drain within this roadway. King Street North in St. Jacobs is owned by the Region of Waterloo and will be reconstructed in 2016.	\$147,622.89	\$1,706,764.00	March 5, 2012	December 29, 2017	Ongoing
6207	Township of Woolwich	Green Warbler Crescent Reconstruction	Replacement of the ductile iron water distribution system. Additional improvements that will be included in the project are a new pavement structure, curb and gutter, sidewalk and spot repairs to the sanitary and storm sewer systems.	\$5,222.33	\$1,256,970.00	October 11, 2012	December 29, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Water								
7038	City of St. Catharines	Water Meter replacement program-part 1	Water Meter Replacement program-phase 1 of multi year program to replace Direct Read Water Meters with an Automated Meter Reading System	\$1,000,000.00	\$7,400,000.00	July 1, 2013	December 31, 2019	Ongoing
7401	Town of Aylmer	Caverly Rd Reconstruction with Stormwater/Watermain Replacement	Engineering and Design. Watermain improvements including reconnecting all customers & service points, reconstruct road, curb, sidewalk & storm sewer.	\$56,811.19	\$1,177,052.69	January 6, 2014	December 31, 2016	Yes
7575	Region of Halton	W2937A wmSher,Lews,Edn,Drdg ,Metc,Irwin	Replacement of 45 year old cast iron Watermain, Watermain has experienced high frequency of corrosion related breaks. Work is coordinated with Town of Halton Hills Pavement Management Program.	\$1,051.00	\$2,227,454.00	January 1, 2014	December 31, 2018	Ongoing
7577	Region of Halton	W2451A 500mm WM Rehab-Rebecca St Bridge	Replacement of 54 year old steel Watermain to correct structural deficiencies. Work is coordinated with bridge resurfacing by Town of Oakville.	\$1,582,025.00	\$3,779,274.00	January 1, 2014	December 31, 2018	Ongoing
7824	Municipality of Marmora and Lake	Water Treatment Plant Enhancements	The new ultra violet light will enhances our drinking water system. Also including other enhancements to the treatment plant.	\$33,112.68	\$39,836.73	May 12, 2014	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Water								
8066	Township of Woolwich	Snyder Avenue North, William Street Reconstruction	The project will include replacing the existing underground infrastructure consisting of a 150mm diameter cast iron watermain, clay cellar drain and sanitary sewer. The intent of the project is to fully reconstruct Snyder Avenue North between Church Street West and Riverside Drive West. Underground improvements are to include a 200mm diameter PVC watermain, an extended and separated PVC cellar drain system, an appropriately sized PVC sanitary sewer and upgrades to the storm sewer system.	\$6,920.41	\$2,292,734.00	April 7, 2015	December 31, 2018	Ongoing
8078	Region of Halton	W3013A WM Bohemia/Caesar Av[Maple-end]	Replacement of 47 year old Ductile Iron watermains. Watermain has experienced high frequency of breaks due to corrosion.	\$1,063,420.00	\$2,241,000.00	January 1, 2015	December 31, 2018	Ongoing
8079	Region of Halton	W2905A WM on Bellview Cres from bell view St-End	Replacement of 43 year old Asbestos Cement watermain in conjunction with sanitary sewer replacement and road reconstruction.	\$193.00	\$988,000.00	January 1, 2015	December 31, 2017	Ongoing
8082	Region of Halton	W2944A WM on Brant from Faversham-Amherst Height	Replacement of 41 - 62 year old Ductile and Cast Iron watermains. Watermain has experienced high frequency breaks. Project includes relocation of watermain from easement to public right of way.	\$580,471.00	\$4,032,000.00	January 1, 2015	December 31, 2018	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Water								
8217	City of Brockville	Water Distribution Upgrades 2015-2019	The upgrade to the main water lines at various locations throughout the City will see the replacement of existing 100mm diameter cast iron watermain with a new 200mm diameter PVC pipe to improve water quality and quantity issues the City has in the areas. The new piping will have an average length of approximately 100m. □ □	\$91,656.53	\$303,155.73	January 1, 2015	December 31, 2019	Ongoing
8479	Town of Kirkland Lake	Wood St. Upgrade of water/sewer/storm water systems	The replacement/upgrade of the water, sanitary, and storm systems in the following areas: south limit of Wood St. north to Folger St, through utility easement on Folger St to King St, east on King St to Comfort St and north on Comfort St to Poplar Ave. Roadways will be repaired in these work areas including replacement of existing curb, gutters and sidewalks.	\$87,589.56	\$3,898,687.99	February 1, 2015	December 31, 2016	Yes
8573	City of Cambridge	Thin Wall Cast Iron WM Rehab Backlog	14X004 - Project to address deficient watermains throughout the city.	\$137,811.19	\$3,853,389.40	February 3, 2014	December 31, 2016	Yes
8577	City of Cambridge	Dumfries St. Reconstruction (Glenmorris to St. Andrews)	14X011 - Reconstruction of Dumfries Street from Glenmorris to St. Andrews, including replacement of the watermain, sanitary sewer, storm sewer, pavement, sidewalk, curb and gutter due to deterioration.	\$40,036.37	\$793,017.19	February 3, 2014	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Water								
8629	Township of Chapleau	Elm Queen Reconstruction	The proposed 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 proposed watermain extension will create a loop in the system and eliminate a problematic dead end main that has chronic water quality problems.	\$64,333.14	\$2,161,489.98	January 1, 2015	February 16, 2026	Ongoing
8674	City of Welland	Niagara Street Watermain Replacement	The project is the replacement of the watermains on Niagara Street between Thorold Road and Riverbank Road	\$732,021.00	\$843,321.00	May 2, 2016	December 29, 2017	Ongoing
8832	City of Thunder Bay	Watermain Replacement on Cumberland Street (2015)	Watermain replacement on Cumberland Street (Stephen St to MacDougall)	\$109,999.51	\$128,452.00	March 2, 2015	May 15, 2019	Ongoing
8896	City of Kitchener	Watermain Replacements - 2016	Replacement of various watermains, including 3 on King St E, between Dixon St and Doon Rd, and one on Manitou Dr, between Webster Rd and Bleams Rd.	\$314,344.00	\$1,363,500.00	March 15, 2016	December 31, 2017	Ongoing
8915	Separated Town of Gananoque	Reconstruction of Victoria Ave from King Street West to Fourth Street	Work included replacement of a 100-year old water main and a 70-year old storm sewer system. The existing sanitary sewer and manholes were also replaced and the road was fully reconstructed.	\$895,391.69	\$3,098,275.46	March 7, 2016	December 31, 2036	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

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Water								
9036	Haldimand County	Caledonia Meter Replacement (441.0010)	Water meter replacement program. System contains approximately 3500 Schlumberger/Neptune meters. Approximate age of meters is 16 years (originally installed in 1996). Recommended/typical replacement age between 15 & 18 yrs depending on water quality. As meters age they lose accuracy (slow down) resulting in unaccounted water losses and reduced revenue for the County.	\$853,960.93	\$1,125,000.00	April 1, 2015	June 30, 2017	Ongoing
9039	Haldimand County	Dunnville Meter Replacement (441.0011)	Water meter replacement program. System contains approximately 2300 Schlumberger/Neptune meters. Approximate age of meters is 14 years (originally installed in 1998). Recommended/typical replacement age between 15 & 18 years depending on water quality. As meters age they lose accuracy (slow down) resulting in unaccounted water losses and reduced revenue for the County.	\$617,092.15	\$768,000.00	April 1, 2015	June 30, 2017	Ongoing
9056	Haldimand County	Motor Control Centre Replacement Construction (C.476.0029)	The Dunnville WTP motor control centres (MCC's) due to age requires replacement to reduce the risk of electrical failures causing water treatment or supply issues. Approach is to complete a preselection process for a replacement MCC. Preselection process will result in the purchasing of MCC detailed design drawings and confirmation of purchase price, both of which will be included in a tender to acquire installation services. □	\$342,879.47	\$470,000.00	March 31, 2016	July 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

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Water								
9100	Region of Halton	W2871C WM on New & James (Guelph-Elizabeth)	Replacement of 1950's & 1970's watermains due to age and condition. Project is coordinated with sanitary sewer replacement and local road improvements.	\$2,161,000.00	\$4,584,000.00	January 1, 2016	December 31, 2018	Ongoing
9101	Region of Halton	W3050A Wm on Guelph St from Norval SP to Adamson	Replace and increase diameter of 1970's watermain due to condition. Timing of project is coordinated with MTO resurfacing of Guelph St/Highway 7.	\$98,617.00	\$4,264,000.00	January 1, 2016	December 31, 2018	Ongoing
9230	Town of Mattawa	Brydges Street Water Main Replacement (Brydges and McKenzie)	The municipality, as part of the Brydges Street Water and Sewer Trunk Renewal Project, replaced 1271 metres of water main on Brydges Street, replaced 254 metres of water main on McKenzie Street. The municipality also re-paved, refurbished storm water sewer systems and provided repairs and adjustments to manhole covers on Brydges Street.	\$10,860.53	\$1,717,642.39	January 1, 2015	December 31, 2016	Yes
9248	Town of Rainy River	Fourth Street Revitalization	The funding will be a source of dollars used to replace water distribution lines along with wastewater lines and sanitary sewer lines along the three block length of Fourth Street.	\$51,198.96	\$4,524,736.00	May 19, 2015	June 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Water								
9416	Village of South River	Replacement of Water Treatment Plant Equipment	Removal & replacement of obsolete chlorine analyzer, two obsolete turbidity analyzers, soda ash pilot project to address coloured water & H&S issues for operator, valve & actuator replacement, hot water on demand unit, backwash pump rebuild, high lift pump breaker, pressure switches & VFD and replacement de-sludge actuator. Also included is fire pump & motor replacement, SCADA computer system.	\$45,912.05	\$264,912.05	March 1, 2016	December 31, 2018	Ongoing
9431	Township of Pickle Lake	Hooker Lane Waterline replacement	Replacing sub-standard waterline, approx. 600 feet, to service residential properties. The original line does not meet current specifications and must be changed to ensure the delivery of safe drinking water.	\$23,153.70	\$27,334.70	August 15, 2016	July 1, 2017	Ongoing
9524	City of Elliot Lake	Watermain Replacement on Westview Crescent	This project includes the replacement of approximately 200 meters of watermain on Westview Crescent. The scope of work includes provision of all material, labour, and equipment to excavate, remove, replace, and commission the watermain. Replacement of services, valves and hydrants in addition to replacement of asphalt and restoration of impacted properties is included. as identified by AMP	\$73,487.88	\$501,913.41	January 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

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Water								
9638	City of Welland	Replacement of Watermain and Service Connections on Wright Street	Replacement of old cast iron watermain and service connections on Wright Street from Ontario Rd to the South limit. Road resurfacing of the entire roadway will take place upon completion of underground works.□	\$1,024,203.29	\$1,400,000.00	April 8, 2016	December 29, 2017	Ongoing
9851	Region of Halton	W2945A - WM on Trafalgar Road (Leighland to Upper Middle Road)	Replacement of 1950's watermain. Project is coordinated with regional road construction.	\$3,409.00	\$365,000.00	January 1, 2013	December 31, 2019	Ongoing
9852	Region of Halton	W3098A - WM on Wicklow Rd/South Service Rd & PRV Chamber Modification	Replacement of 1950's & 1960's watermain. Project is coordinated with local road construction. The PRV chamber is to be replaced as the existing chamber is susceptible to back siphonage and cannot be repaired.	\$198,430.00	\$798,000.00	January 1, 2016	December 31, 2018	Ongoing
9921	City of Dryden	Twinning of Raw Water Intake Pipe at Wabigoon Lake	Twinning of the raw water intake pipe at Wabigoon Lk located at the low lift station on Dickson Rd to the Water Treatment Plant on Wilde St.□ The current intake line is single source for a potential water system failure.□ A water main break on this existing intake line would be the one point of failure that would cause the system to fail. Supply of potable water would become a concern and fire fighting capacity from hydrants would diminish quickly.	\$395,137.00	\$2,165,389.00	August 1, 2016	December 31, 2017	Ongoing

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
Water								
9950	City of London	Watermain Replacement on Fanshawe Park Rd - Adelaide St to Highbury Ave (EW3702)	As part of the road widening of Fanshawe Park Road, a new 400mm watermain is required to replace the existing system which has surpassed it's useful life and undersized for the current flow requirements.	\$1,190,221.54	\$1,842,000.00	April 4, 2016	September 29, 2017	Ongoing
10093	City of London	Cleaning & Structural Lining of Watermain in Orchard Park and Oakridge Acres EW3563-15	The cleaning and structural lining of approximately 7300m of 150mm and 200mm Cast Iron Watermain, serving approximately 485 residential properties.	\$54,556.29	\$5,578,200.00	April 1, 2016	June 30, 2017	Ongoing
10129	Town of Espanola	Water Tower Relining	The inspection report completed in 2015 on the water tower indicated that to maintain our current level of drinking water quality, a relining and an external roof overcoat of the composite elevated tank/potable water storage facility was required. □ Treated water is pumped from the water treatment plant to the water tower for storage to be utilized as required. A poor condition in the storage tower could lead to poor water quality for all residents.	\$318,717.66	\$318,717.66	May 30, 2016	August 5, 2016	Yes
10131	Town of Espanola	Phase 1 F Watermain Rehabilitation - Algoma & Annette St	Replacement of old cast iron water mains that were causing breaks/ blockages as well as discoloured water and lack of pressure. Sanitary and storm sewer improvements and rehabilitation of affected roadways.	\$310,633.68	\$3,590,032.00	April 4, 2016	December 15, 2016	Yes
10136	Township of Schreiber	2016 Water Treatment Plant - Anthracite	Purchase & installation of anthracite filter media sand at water treatment plant.	\$11,322.54	\$11,322.54	January 1, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

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Water								
10137	Township of Schreiber	2016 Water Treatment Plant - Tank Insulation	Purchase & installation of 2lb polyurethane insulation on 5 water tanks at water treatment plant.	\$9,797.46	\$9,797.46	January 1, 2016	December 31, 2016	Yes
10153	Town of Moosonee	Water & Sewer Reconstruction	The area infrastructure was installed by the military in the early 1960 making the sewer and water mains over 50 years old resulting in a deteriorated system. This project was to replace aging infrastructure to improve water pressure as well as improve fire protection in this area. The sewer system needed attention to eliminate extraneous flow into the collection system. The project will also address drainage concerns that had been affecting the road conditions as well as lot grading.	\$104,890.99	\$2,467,525.00	May 12, 2016	December 31, 2017	Ongoing
10160	Township of Clearview	Caroline Street Watermain Rehabilitation	Replaced 115 year old watermain and added curb, gutter and storm to part of the road.	\$166,780.00	\$329,963.00	June 20, 2016	December 30, 2016	Yes
10162	Township of Clearview	Replacement of Nottawa High Lift Pumps	Replaced 4 lift pumps with more energy efficient and properly sized pumps. Existing pumps were at end of lifespan.	\$30,279.36	\$30,279.36	June 6, 2016	December 30, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

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Water								
10182	Town of Bancroft	Water main installation on Snow Road	The upgrade to the water main line involved a second new water main with 12' diameter PVC line running the length of 1.9 km along Snow Rd. This line is key to ensuring the town water supply in the event of a breakage on the existing line. Along with the water main, a full depth construction of 2.7 km roadway was undertaken. 800m was asphalted and the rest of the road had double surface treatment. Also included in the project is the rehabilitation of the water treatment plant filter tanks.	\$110,394.07	\$1,695,017.57	May 16, 2016	December 31, 2017	Ongoing
10215	Township of Fauquier-Strickland	Renewal/Upgrade of Water Treatment Plant	Analysis of the condition of the existing water treatment plant to evaluate and determine the cost of establishing a new water treatment versus upgrading the existing plant over time. Evaluate the existing potable water source versus a new surface water or groundwater source, taking into account that the existing intake is downstream from a proposed crossing of the water source by Energy East pipeline. Evaluate the costs of the addition of an elevated reservoir.	\$5,000.00	\$20,000.00	September 14, 2015	December 31, 2017	Ongoing
10290	Town of Mattawa	Mattawa Water Treatment Plant- Replacement of Gen-Set	Replace the Mattawa Water Treatment Plant generator fuel tank including upgrades to fuel lines within TSSA Regulations, and as per risk assessments, and directives for MOECC inspector.	\$25,195.52	\$25,195.52	August 30, 2016	December 31, 2016	Yes

**Federal Gas Tax Fund
Aggregate Municipal Annual Expenditure Report - December 31, 2016
2016 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
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Water

Total Federal Funds Used: \$16,722,990.98

Total Project Costs: \$106,740,653.25

Grand Total - Federal Funds Used: \$647,550,465.80

Grand Total - Project Costs: \$4,746,470,640.25



Association of Municipalities of Ontario (AMO)

200 University Ave., Suite 801, Toronto, ON M5H 3C6

Telephone direct: 416-971-9856
Voicemail: 416-971-8099
Fax: 416-971-6191
Toll-free in Ontario: 1-877-4-AMO-LAS (1-877-426-6527)
E-mail: gastax@amo.on.ca
Twitter: @GasTaxinOntario

Websites: www.amo.on.ca
www.GasTaxAtWork.ca
www.infrastructure.gc.ca