

# The Federal Gas Tax Fund

2018 Annual Report – Part II

# Table of Contents

Audit Based Attestation .....	A	1
Compliance and Financial Audit Statements, Federal Gas Tax Fund .....	B	1-10
Municipal Compliance Audit Reports .....	C	1-31
2018 Federal Gas Tax Fund Allocations .....	D	1-13
2018 Federal Gas Tax Fund Projects .....	E	1-477

This report describes how Ontario’s communities invested and benefited from the federal Gas Tax Fund in 2018. The report is split into two parts. Part I summarizes investments, benefits, and AMO’s approach to the administration of the Fund. Part II provides detailed financial information, compliance statements, and descriptions of projects supported by the Fund.

Both parts of this report are available at [www.gastaxatwork.ca](http://www.gastaxatwork.ca).



September 30, 2019

Marie-Pier Nassif  
Director, Program Operations Branch  
Infrastructure Canada  
1100 - 180 Kent Street  
Ottawa ON K1P 0B6

Dear Ms. Nassif:

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

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

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

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

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

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

Sincerely,



Afshin Majidi  
Director of Finance and Operations

Attachment

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

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, 2018

# Contents

	<b>Page</b>
Independent practitioner’s reasonable assurance report on compliance	B-3 - B-4
Independent auditor’s report on the annual report	B-5 - B-6
Annual report	B-7
Notes to the Annual Report	B-8
Schedule – Transfer to ultimate recipients	B-9
Schedule - Cumulative balance adjustments by ultimate recipients	B-10

# Independent practitioner's reasonable assurance report on compliance

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

We have undertaken a reasonable assurance engagement of Association of Municipalities of Ontario's ("AMO") compliance for the year ending December 31, 2018 with the terms and conditions ("the Specified Requirements") established 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, Toronto, the Province of Ontario and the Government of Canada (the "Agreement").

## Management's Responsibility

Management is responsible for AMO's compliance with the Specified Requirements. Management is also responsible for such internal control as management determines necessary to enable AMO's compliance with the Specified Requirements.

## Our Responsibility

Our responsibility is to express a reasonable assurance opinion on AMO's compliance based on the evidence we have obtained. We conducted our reasonable assurance engagement in accordance with Canadian Standard on Assurance Engagements 3531, *Direct Engagements to Report on Compliance*. This standard requires that we plan and perform this engagement to obtain reasonable assurance about whether the entity complied with the specified requirements, in all significant respects.

Reasonable assurance is a high level of assurance, but is not a guarantee that an engagement conducted in accordance with this standard will always detect a significant instance of non-compliance with specified requirements when it exists. Instances of non-compliance can arise from fraud or error and are considered significant if, individually or in the aggregate, they could reasonably be expected to influence the decisions of users of our report. A reasonable assurance compliance reporting engagement involves performing procedures to obtain evidence about the entity's compliance with the specified requirements. The nature, timing and extent of procedures selected depends on our professional judgment, including an assessment of the risks of significant non-compliance, whether due to fraud or error.

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

### **Our Independence and Quality Control**

We have complied with the relevant rules of professional conduct / code of ethics applicable to the practice of public accounting and related to assurance engagements, issued by various professional accounting bodies, which are founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

The firm applies Canadian Standard on Quality Control 1, *Quality Control for Firms that Perform Audits and Reviews of Financial Statements, and Other Assurance Engagements* and, accordingly, maintains a comprehensive system of quality control, including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

### **Opinion**

In our opinion, AMO has complied with the Specified Requirements established 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, Toronto, the Province of Ontario and the Government of Canada for the year ended December 31, 2018, in all significant respects.

We do not provide a legal opinion on AMO's compliance with the Specified Requirements.

The logo for Grant Thornton LLP, featuring the company name in a stylized, cursive script.

Toronto, Canada  
September 4, 2019

Chartered Professional Accountants  
Licensed Public Accountants

# Independent auditor's report on Annual Report

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

## Opinion

We have audited the Annual Report for the Association of Municipalities of Ontario (“AMO”) for the year ending December 31, 2018, and the notes to the Annual Report.

In our opinion, the Annual Report for the year ended December 31, 2018 has been prepared, in all material respects, in accordance with the reporting provisions in section 1.1 of Schedule D of the Agreement and in accordance with the recognition and measurement principles of Canadian accounting standards for not-for-profit organizations.

## Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards.

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

## Emphasis of Matter – Basis of Accounting and Restriction of Use

We draw attention to Note 2 of the Annual Report which describes the basis of accounting.

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

## Other Matter – Schedules to the Annual Report

We draw attention to the fact that the Schedules to the Annual Report are presented for purposes of additional information and does not form part of the Annual Report as required by the Agreement. We have not audited or reviewed this supplementary information and, accordingly, we do not express an opinion, a review conclusion or any other form of assurance on this supplementary information.



## **Responsibilities of Management and Those Charged with Governance for the Annual Report**

Management is responsible for the preparation of the Annual Report based on the reporting provisions in section 1.1 of Schedule D of the Agreement and in accordance with the recognition and measurement principles of 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.

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

## **Auditor's Responsibility for the Annual Report**

Our objectives are to obtain reasonable assurance about whether the Annual Report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this financial statement.

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

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

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

The logo for Grant Thornton LLP, featuring the company name in a stylized, cursive script.

Toronto, Canada  
September 4, 2019

Chartered Professional Accountants  
Licensed Public Accountants

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## Association of Municipalities of Ontario Annual Report

Year ended December 31,	2018	Cumulative January 1, 2014 to December 31, 2018
Balance of funds held by AMO, beginning of year	\$ 1,116,006	\$ -
Transferred from the original program (Note 1)	-	16,190,205
Amounts received from Canada	649,940,923	3,083,376,205
Transferred to ultimate recipients (Note 3)	(646,691,218)	(3,084,204,170)
Administration costs (Note 1)	(3,249,705)	(15,362,240)
Interest earned by AMO	<u>341,750</u>	<u>1,457,756</u>
Balance of funds held by AMO, end of year	\$ <u>1,457,756</u>	\$ <u>1,457,756</u>

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# Association of Municipalities of Ontario

## Notes to Annual Report

Year ended December 31, 2018

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### 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 10 years of which \$8.053 billion will flow to municipalities (excluding Toronto).

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

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

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### 2. Basis of accounting

The Annual Report (the “Report”) has been prepared to assist AMO to meet the reporting requirements of the Agreement and has been prepared in accordance with the financial reporting provisions in section 1.1 of Schedule D to the Agreement and in accordance with the recognition and measurement principles of Canadian accounting standards for not-for-profit organizations. The annual report 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 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.

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## Association of Municipalities of Ontario

### Schedule – Transfer to ultimate recipients

Year ended December 31, 2018

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The following represents the information in aggregate reported by the ultimate recipients to AMO, as of August 13, 2019, regarding the allocation of funds:

	Unaudited	
	2018	January 1, 2014 to December 31, 2018
Balance of funds held by ultimate recipients, beginning of year (Note 4)	\$ <u>781,773,844</u>	\$ _____ -
<u>Revenues</u>		
Transferred from AMO		
Received in the year specified	646,691,218	3,084,204,170
Received under new program but related to original program	-	(498,162)
Transferred from the original program	-	690,979,951
Proceeds from disposal of assets	65,000	201,488
Interest earned by ultimate recipients	<u>15,468,120</u>	<u>69,596,584</u>
	<u>662,224,338</u>	<u>3,844,484,031</u>
<u>Expenditures</u>		
Spent on eligible projects	<u>(613,804,268)</u>	<u>(3,014,290,117)</u>
Balance of funds held by ultimate recipients, end of year	\$ <u>830,193,914</u>	\$ <u>830,193,914</u>

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## Association of Municipalities of Ontario

### Schedule - Cumulative balance adjustments by ultimate recipients

Year ended December 31, 2018

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During the current year, adjustments were made by a number of ultimate recipients in the amounts reported to AMO for the 2017 year. The adjustments have resulted in the following revisions to the cumulative amounts reported in 2018:

	Originally Reported	Unaudited Adjustment	Revised Amount
<u>Revenue</u>			
Transfers from AMO	\$ 2,437,014,790	\$ -	\$ 2,437,014,790
Transfer from original program	690,215,949	764,001	690,979,950
Proceeds from disposal of assets	136,488	-	136,488
Interest earned by ultimate recipients	<u>54,109,248</u>	<u>19,215</u>	<u>54,128,463</u>
	<u>3,181,476,475</u>	<u>783,216</u>	<u>3,182,259,691</u>
 <u>Expenditures</u>			
Spent on eligible projects	(2,400,681,946)	196,099	(2,400,485,847)
Balance of funds, end of 2017	\$ <u>780,794,529</u>	\$ <u>979,315</u>	\$ <u>781,773,844</u>

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September 4, 2019

Chris VanDooren  
Manager – Gas Tax Implementation  
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Dear Mr. VanDooren:

We are pleased to report that we have now completed the specified procedures for the year ended December 31, 2018 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 444 municipalities of Ontario (excluding City of Toronto). As Grant Thornton LLP is the auditor for 4 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 40 selected municipalities, we have performed procedures to review compliance for the 2018 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 40 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.

#### 2018 Risk Management Questionnaire

AMO had asked each municipality to complete the “2018 Risk Management Questionnaire”, included in Appendix E-2, which listed 10 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.

#### Recommendations

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

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**



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

**Baker Tilly KDN LLP**  
272 Charlotte Street  
Peterborough, ON  
Canada K9J 2V4

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September 4, 2019

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, 2018 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 4 of the selected municipalities, it was agreed with AMO that the compliance work for these municipalities would be performed by Baker Tilly KDN LLP (formerly Collins Barrow Kawartha LLP). For these 4 selected municipalities, we have performed procedures to review compliance for the 2018 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.

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



**Findings**

We have issued our reports for each of the 4 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. Appendix C identifies the municipalities where exceptions were noted.

**2018 Risk Management Questionnaire**

AMO had asked each municipality to complete the “2018 Risk Management Questionnaire”, included in Appendix E-2, which listed 10 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.

No exceptions were noted.

**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,

*Baker Tilly KDN LLP*

Joanna Park, CPA, CA  
Partner

**Central Ontario**

Amaranth, Township of	
Brock, Township of	
Fort Erie, Town of	*
Minden Hills, Township of	
Newmarket, Town of	
Orillia, City of	
St. Catharines, City of	

**Eastern Ontario**

Alfred and Plantagenet, Township of	
Bancroft, Town of	
Cavan Monaghan, Township of	
Douro-Dummer, Township of	
Gananoque, Separated Town of	
Head, Clara & Maria, United Townships of	
Laurentian Valley, Township of	
Merrickville-Wolford, Village of	
North Kawartha, Township of	
Prince Edward, County of	
Stirling-Rawdon, Township of	
Tweed, Municipality of	

**North Eastern Ontario**

Black River-Matheson, Township of	
Callander, Municipality of	
Cobalt, Town of	
Greater Sudbury, City of	
Hudson, Township of	
Kapuskasing, Town of	
MacDonald, Meredith & Aberdeen Add'l, Township of	
Moosonee, Town of	
Plummer Additional, Township of	
South River, Village of	*
Tehkummah, Township of	

**North Western Ontario**

Dorion, Township of	*
La Vallee, Township of	
Oliver-Paipoonge, Municipality of	*

**South Western Ontario**

Aylmer, Town of	
Central Elgin, Municipality of	
Elgin, County of	
Grey, County of	
Ingersoll, Town of	
Meaford, Municipality of	
Norfolk County	
Perth East, Township of	
South Bruce, Municipality of	
St. Marys, Town of	
Waterloo, Region of	

<b>Summary by Geographic Region</b>	<b>Count</b>
Central	7
Eastern	12
North Eastern	11
North Western	3
South Western	11
<b>Total</b>	<b>44</b>

<b>Summary by Audit Firm</b>	<b>Count</b>
Grant Thornton LLP	40
Baker Tilly KDN LLP	4
<b>Total</b>	<b>44</b>

\* denotes municipalities audited by Baker Tilly KDN LLP

### **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 works with its auditor to develop an audit scope that will determine compliance against these objectives including an assessment of controls in place within municipalities on a test basis. AMO will decide on the number of municipalities to be tested on an annual basis. AMO will develop the criteria for the selection and its auditor will be asked to select the sample based on the criteria.

### **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 31<sup>st</sup> annually. AMO’s auditors will be requested to have the work completed prior to August 1<sup>st</sup>. The field visits are expected to take place between May and July. The auditors will present their findings on an aggregate basis to the Audit Committee at its September meeting.

<b>Section</b>	<b>Anticipated Municipal Action Required under the Agreement</b>	<b>Exceptions</b>
3.2	Awareness of the base amount.	None
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	None
	Balance per general ledger agrees to the amount reported to AMO	None
	Records readily available.	Note A
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) and its submission to AMO.	None
6.6	Setting up of a dedicated reserve fund account in the general ledger	None
	Investment of unexpended funds to be in accordance with Ontario law and the Recipient's investment policy.	None
	Interest earned on unexpended funds to only be applied to Eligible Expenditures for Eligible Projects, set out in Schedule B and Schedule C.	3
6.9	Federal Gas Tax funds to be applied to eligible expenditures net of GST/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.	None
7.2	Outcomes reports for all completed projects to be submitted to AMO.	None
8.1	Asset Management Plan has been developed	None
8.2	Asset management Outcomes report submitted to AMO.	None
9.1	Generally accepted accounting principles in accordance with PSAS to be followed.	None
9.2	Separate records for Federal Gas Tax funds to be maintained.	None
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
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 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.	None

Note A – Inconclusive. GT was unable to observe years prior to 2018 as there was a leak causing the records room to be quarantined.

	<b>Municipality</b>	<b>Agreement Section #</b>	
		<b>3.3</b>	<b>6.6 (a)</b>
1	Alfred and Plantagenet, Township of	-	-
2	Amaranth, Township of	-	-
3	Aylmer, Town of	-	-
4	Bancroft, Town of	-	-
5	Black River-Matheson, Township of	-	-
6	Brock, Township of	-	-
7	Callander, Municipality of	-	-
8	Cavan Monaghan, Township of	-	-
9	Central Elgin, Municipality of	-	B
10	Cobalt, Town of	A	-
11	Dorion, Township of *	-	-
12	Douro-Dummer, Township of	-	-
13	Elgin, County of	-	-
14	Fort Erie, Town of *	-	-
15	Gananoque, Separated Town of	-	-
16	Greater Sudbury, City of	-	-
17	Grey, County of	-	-
18	Head, Clara & Maria, United Townships of	-	-
19	Hudson, Township of	-	-
20	Ingersoll, Town of	-	-
21	Kapuskasing, Town of	-	-
22	La Vallee, Township of	-	-
23	Laurentian Valley, Township of	-	-
24	MacDonald, Meredith & Aberdeen Add'l, Township of	-	-
25	Meaford, Municipality of	-	-
26	Merrickville-Wolford, Village of	-	-
27	Minden Hills, Township of	-	-
28	Moosonee, Town of	-	B
29	Newmarket, Town of	-	-
30	Norfolk County	-	-
31	North Kawartha, Township of	-	-
32	Oliver-Paipoonge, Municipality of *	-	-
33	Orillia, City of	-	-
34	Perth East, Township of	-	-
35	Plummer Additional, Township of	-	B
36	Prince Edward, County of	-	-
37	South Bruce, Municipality of	-	-
38	South River, Village of *	-	-
39	St. Catharines, City of	-	-
40	St. Marys, Town of	-	-
41	Stirling-Rawdon, Township of	-	-
42	Tehkummah, Township of	-	-
43	Tweed, Municipality of	-	-
44	Waterloo, Region of	-	-

A Recipient unable to locate support that tender process was adhered to.

B Federal Gas Tax funds are not held in an interest bearing account and no interest credited to federal Gas Tax fund account.

\* Municipalities audited by Baker Tilly KDN LLP. All other municipalities were audited by Grant Thornton LLP.

Per Funding Agreement	Specified Audit Procedure
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**3.1 Communications**

<p>The Recipient will comply with requirements outlined in Schedule E:</p> <ul style="list-style-type: none"> <li>a) Providing upfront project information on an annual basis for communications purposes;</li> <li>b) Including Canada in local project communications;</li> <li>c) Installing federal project signs.</li> </ul>	<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>
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**3.2 Incrementality**

<p>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 staff (person responsible for reporting FGT funds) as to whether the Recipient is aware of the base amount.</p>
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**3.3 Contracts**

<p>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> <ul style="list-style-type: none"> <li>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.</li> </ul>	<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>
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**4.1 Eligible Project Categories**

<p>Eligible Projects include investments in Infrastructure for its construction, renewal or material enhancement in the eligible categories specifically described in Schedule B &amp; C.</p>	<p>No audit work performed as no action is required by the Recipient.</p>
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Per Funding Agreement	Specified Audit Procedure
<b>4.2 Recipient Fully Responsible</b>	
<p>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>
<b>5.1 Eligible Expenditures</b>	
<p>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>
<b>5.2 Discretion of Canada</b>	
<p>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>
<b>5.3 Unspent Funds</b>	
<p>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>
<b>5.4 Reasonable Access</b>	
<p>The Recipient shall allow AMO and Canada reasonable and timely access to all documentation, records and accounts and those of their respective agents or Third Parties related to the receipt, deposit and use of Funds and Unspent Funds, and any interest earned thereon, and all other relevant information and documentation requested by AMO or Canada their respective designated representatives for the purposes of audit, evaluation, and ensuring compliance with this Agreement.</p>	<p>No audit work performed as no action is required by the Recipient.</p>

Per Funding Agreement	Specified Audit Procedure
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**5.5 Retention of Receipts**

<p>The Recipient will keep proper and accurate accounts and records of all Eligible Projects including invoices and receipts for Eligible Expenditures in accordance with the Recipient’s municipal records retention by-law and, upon reasonable notice, make them available to AMO and Canada.</p>	<p>Scan the general ledger and note whether the federal Gas Tax funds are tracked separately in a reserve fund account.</p> <p>Review Recipient’s current record retention By-law and:</p> <ul style="list-style-type: none"> <li>a) Confirm with the municipality’s staff 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</li> <li>b) Observe whether the Federal Gas Tax related records are easily accessible.</li> </ul>
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**6.1 Allocation of Funds**

<p>AMO will allocate and transfer Funds that Canada may make available for Ontario Municipalities to Recipients on a per capita basis with allocations made on a 50:50 basis to upper-tier and lower-tier Municipalities, where they exist.</p>	<p>No audit work performed as no action is required by the Recipient.</p>
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**6.2 Transfer of Funds to a Municipality**

<p>Where a Recipient decides to allocate and transfer Funds to another Municipality (the “Transferee Municipality”):</p> <ul style="list-style-type: none"> <li>a) The allocation and transfer shall be authorized by By-law. The Transfer By-law shall be passed by the Recipient’s council and submitted to AMO as soon thereafter as practicable. The Transfer By-law shall identify the Transferee Municipality and the amount of Funds the Transferee Municipality is to receive for the Municipal Fiscal Year specified in the Transfer By-law.</li> <li>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.</li> </ul>	<p>Review the Annual Report for any transfers reported.</p> <p>Inquire of the Recipient staff 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.</p> <p>Verify, by reviewing correspondence with AMO, that the By-law was submitted to AMO.</p> <p>Verify, by reviewing the Annual Report, that it has been prepared in accordance with Sections 7.1 (a), (c) and (f) with respect to the Funds transferred and that the Annual Report has been submitted to AMO.</p>
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Per Funding Agreement	Specified Audit Procedure
<p>c) No transfer of Funds pursuant to this Section 6.2 shall be effected unless and until the Transferee Municipality has either:</p> <ul style="list-style-type: none"> <li>i. Entered into an agreement with AMO on substantially the same terms as this Agreement, or</li> <li>ii. Executed and delivered to AMO a written undertaking to assume all of the Recipient's obligations under this Agreement with respect to the Funds transferred; in a form satisfactory to AMO.</li> </ul>	<p>Verify that the transfer date is after the date the Transferee Municipality either:</p> <ul style="list-style-type: none"> <li>i. Entered into an agreement with AMO on substantially the same terms as this Agreement, or</li> <li>ii. Executed and delivered to AMO a written undertaking to assume all of the Recipient's obligations under this Agreement with respect to the Funds transferred; in a form satisfactory to AMO.</li> </ul>

**6.3 Transfer of Funds to a Non-Municipal Entity**

<p>Where a Recipient decides to support an Eligible Project undertaken by an Eligible Recipient that is not a Municipality:</p>	<p>Review the Annual Report for any transfers reported.</p>
<p>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 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>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>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>

Per Funding Agreement	Specified Audit Procedure
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**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.

No audit verification work required as by signing the funding agreement the Recipient acknowledges and agrees to this condition.

**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 on the basis set out in Schedule A.

No audit work performed as no action is required by the Recipient.

**6.6 Use of Funds**

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

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

Verify, by reviewing the general ledger, that the Federal Gas Tax funds are tracked separately in a reserve fund account fund.

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.

**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.

No audit work performed as AMO undertakes this testing through the Reporting Tool.

Per Funding Agreement	Specified Audit Procedure
<b>6.8 Expenditure of Funds</b>	
The Recipient shall expend all Funds by December 31, 2028.	Not applicable as it is applicable for funds received in 2023.
<b>6.9 GST &amp; HST</b>	
The use of Funds is based on the net amount of goods and services tax or harmonized sales tax to be paid by the Recipient net of any applicable tax rebates.	For the items identified in Section 5.1 above, review the invoices pertaining to the projects financed by Federal Gas Tax funds and verify that the expenditures applied against the Federal Gas Tax funds for fiscal year under review included HST less any applicable tax rebates.
<b>6.10 Limit on Canada's Financial Commitments</b>	
The Recipient may use Funds to pay up to one hundred percent (100%) of Eligible Expenditures of an Eligible Project.	No audit verification work required.
<b>6.11 Federal Funds</b>	
The Recipient agrees that any Funds received will be treated as federal funds for the purpose of other federal infrastructure programs.	No audit verification work required.
<b>6.12 Stacking</b>	
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.	Inquire 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.
<b>6.13 Withholding Payment</b>	
AMO may withhold payment of Funds where the Recipient is in default of compliance with any provisions of this Agreement.	No audit work performed as no action is required by the Recipient.
<b>6.14 Insufficient funds provided by Canada</b>	
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.	No audit work performed as no action is required by the Recipient.

Per Funding Agreement	Specified Audit Procedure
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**7.1 Annual Report**

<p>The Recipient shall report in the form in Schedule D due by March 31st following each Municipal Fiscal Year on:</p> <ul style="list-style-type: none"> <li>a) The amounts received from AMO under this Agreement in respect of the previous Municipal Fiscal Year;</li> <li>b) The amounts received from another Municipality;</li> <li>c) The amounts transferred to another Municipality;</li> <li>d) Amounts paid by the Recipient in aggregate for Eligible Projects;</li> <li>e) Amounts held at year end by the Recipient in aggregate, including interest, to pay for Eligible Projects;</li> <li>f) Indicate in a narrative the progress that the Recipient has made in meeting its commitments and contributions; and,</li> <li>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.</li> </ul>	<p>Review the Reporting Module 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 the Recipient in accordance with the reporting requirements prescribed in Schedule D for items (a) through (g).</p>
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**7.2 Outcomes Report**

<p>The Recipient shall account in writing for outcomes achieved. Specifically, an Outcomes Report shall describe, in a manner to be provided by AMO, the degree to which investments in each project are supporting progress towards achieving: beneficial impacts on communities of completed projects; and enhanced impact of Funds as a predictable source of funding.</p>	<p>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:</p> <ul style="list-style-type: none"> <li>a) Beneficial impacts on communities of completed Eligible Projects; and</li> <li>b) Enhanced impact of Funds as a predictable source of funding.</li> </ul>
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**8.1 Asset Management Plan**

<p>The Recipient will develop and implement an Asset Management Plan prior to December 31, 2016.</p>	<p>Inquire of the staff (person responsible for reporting of the Federal Gas Tax funding) that the municipality has submitted its Asset Management Plan to AMO.</p>
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**8.2 Outcomes**

<p>On a date and in a manner to be determined by AMO, the Recipient will provide a report to AMO demonstrating that Asset Management Plans are being used to guide infrastructure planning and investment decisions and how Funds are being used to address priority projects.</p>	<p>Inquire of the staff (person responsible for reporting of the Federal Gas Tax funding) that the Asset Management Outcome questionnaire has been completed.</p>
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<b>Per Funding Agreement</b>	<b>Specified Audit Procedure</b>
<b>9.1 Accounting Principles</b>	
<p>All accounting terms not otherwise defined herein have the meanings assigned to them; all calculations will be made and all financial data to be submitted will be prepared in accordance with generally accepted accounting principles (GAAP) in effect in Ontario. GAAP will include, without limitation, those principles approved or recommended for local governments from time to time by the Public Sector Accounting Board or the Canadian Institute of Chartered Accountants or any successor institute, applied on a consistent basis.</p>	<p>Verify, by reviewing the most recent annual audited financial statements, that they have been prepared in accordance with Public Sector Accounting standards.</p> <p>Scan the auditors' report for any qualifications for non-compliance with Public Sector Accounting standards.</p>
<b>9.2 Separate Records</b>	
<p>The Recipient shall maintain separate records and documentation for the Funds and keep all records including invoices, statements, receipts and vouchers in respect of Funds expended on Eligible Projects in accordance with the Recipient's municipal records retention by-law. Upon reasonable notice, the Recipient shall submit all records and documentation relating to the Funds for inspection or audit.</p>	<p>Obtain a copy of the Recipient's By-law for municipal records retention and verify compliance with the By-law by examining the general ledger and documentation for the Federal Gas Tax funds maintained and retained.</p>
<b>9.3 External Auditor</b>	
<p>AMO and/or Canada may request, upon written notification, an audit of Eligible Project or an Annual Report. AMO shall retain an external auditor to carry out an audit of the material referred to in Sections 5.4 and 5.5 of this Agreement. AMO shall ensure that any auditor who conducts an audit pursuant to this Section of this Agreement or otherwise, provides a copy of the audit report to the Recipient.</p>	<p>No audit work performed as no action is required by the Recipient.</p>

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<b>Per Funding Agreement</b>	<b>Specified Audit Procedure</b>
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**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.

Verify, by reviewing the Insurance Certificates, that the Insurance Certificates for the fiscal year are:

- a) Confirm general liability insurance coverage for the GTF Agreement, and
- b) List AMO and Canada as additional insured.

**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.

Verify, by reviewing correspondence with AMO, that the insurance certificate has been submitted to AMO.

**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, 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.

No audit verification work required as by signing of funding agreement the Recipient acknowledges and agrees to this condition.

<b>Per Funding Agreement</b>	<b>Specified Audit Procedure</b>
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**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.

No audit verification work required as by signing of funding agreement the Recipient acknowledges and agrees to this condition.

**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 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.

No audit verification work required as by signing of funding agreement the Recipient acknowledges and agrees to this condition.

Per Funding Agreement	Specified Audit Procedure
<b>11.1 Reinvestment</b>	
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.	Review the Annual Report for the reporting of any asset disposals.  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.
<b>11.2 Notice</b>	
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.	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.
<b>11.3 Public Use</b>	
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.	To support that Recipient has retained the FGT funded assets, request asset inventory or listing of assets and verify that the FGT funded assets are included in the listing.



**Report - Compliance Audit of Municipalities  
2018 Risk Management Questionnaire - Summary of Findings**

	Municipalities	Answered "Yes" to Question										Total	Exceptions
		1	2	3	4	5	6	7	8	9	10		
1	Alfred and Plantagenet, Township of	✓	✓			✓	✓					4	none
2	Amaranth, Township of	✓				✓				✓		3	none
3	Aylmer, Town of	✓	✓			✓	✓			✓		5	none
4	Bancroft, Town of	✓		✓		✓						3	none
5	Black River-Matheson, Township of	✓	✓		✓	✓	✓					5	none
6	Brock, Township of	✓				✓	✓	✓	✓	✓	✓	7	none
7	Callander, Municipality of	✓	✓	✓		✓	✓	✓	✓		✓	8	none
8	Cavan Monaghan, Township of	✓		✓		✓	✓	✓		✓		6	none
9	Central Elgin, Municipality of	✓				✓	✓					3	none
10	Cobalt, Town of					✓				✓		2	none
11	Dorion, Township of *	✓				✓				✓		3	Note A
12	Douro-Dummer, Township of	✓				✓	✓			✓		4	none
13	Elgin, County of	✓	✓	✓	✓	✓			✓			6	none
14	Fort Erie, Town of *	✓	✓	✓	✓	✓	✓	✓		✓	✓	9	none
15	Gananoque, Separated Town of	✓		✓		✓	✓	✓		✓		6	none
16	Greater Sudbury, City of	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	none
17	Grey, County of	✓	✓			✓	✓					4	none
18	Head, Clara & Maria, United Townships of	✓	✓		✓	✓	✓	✓		✓		7	1
19	Hudson, Township of					✓				✓		2	none
20	Ingersoll, Town of	✓		✓		✓	✓	✓		✓		6	none
21	Kapuskasing, Town of	✓	✓	✓	✓	✓						5	none
22	La Vallee, Township of	✓				✓	✓			✓		4	none
23	Laurentian Valley, Township of	✓				✓	✓			✓		4	none
24	MacDonald, Meredith & Aberdeen Add'l, Township of	✓	✓			✓				✓		4	none
25	Meaford, Municipality of	✓				✓	✓	✓		✓		5	none
26	Merrickville-Wolford, Village of	✓				✓				✓		3	none
27	Minden Hills, Township of	✓		✓		✓		✓				4	none
28	Moosonee, Town of	✓						✓		✓	✓	4	Note B
29	Newmarket, Town of	✓		✓	✓	✓	✓	✓		✓	✓	8	none
30	Norfolk County	✓	✓	✓	✓	✓	✓	✓		✓	✓	9	none
31	North Kawartha, Township of	✓				✓	✓			✓		4	none
32	Oliver-Paipoonge, Municipality of *	✓	✓	✓	✓	✓	✓	✓		✓	✓	9	none
33	Orillia, City of	✓		✓		✓	✓		✓		✓	6	none
34	Perth East, Township of	✓			✓	✓	✓	✓		✓		6	none
35	Plummer Additional, Township of					✓						1	none
36	Prince Edward, County of	✓			✓	✓		✓				4	none
37	South Bruce, Municipality of	✓				✓	✓			✓		4	none
38	South River, Village of *					✓	✓					2	none
39	St. Catharines, City of	✓	✓	✓	✓	✓	✓	✓		✓	✓	9	none
40	St. Marys, Town of		✓		✓	✓	✓			✓		5	none
41	Stirling-Rawdon, Township of	✓		✓		✓	✓		✓			5	none
42	Tehkummah, Township of					✓				✓		2	none
43	Tweed, Municipality of		✓			✓				✓		3	none
44	Waterloo, Region of	✓	✓	✓	✓	✓	✓	✓		✓	✓	9	none
	<b>Total</b>	<b>37</b>	<b>17</b>	<b>17</b>	<b>14</b>	<b>43</b>	<b>29</b>	<b>18</b>	<b>6</b>	<b>30</b>	<b>11</b>	<b>222</b>	<b>1</b>

**Notes**

- 1 The Risk Management Questionnaire is attached as Appendix E-2. See Appendix E-2 for question text.
- 2 For all "yes" answers, auditors found that there was a written policy or Standard Operating Procedure ("SOP") except where noted. In a number of instances, the Recipient felt that one document (policy / SOP) covered a number of questions.
- A Answered "no" for question 6 even though there is a written investment policy.
- B Answered "no" for question 5 even though there is a written procurement by-law.
- \* Municipalities audited by Baker Tilly KDN LLP. All other municipalities were audited by Grant Thornton LLP.

## Overview

AMO monitors and manages risks associated with the administration of the federal Gas Tax Fund in accordance with its *Federal Gas Tax Risk Management Framework* and *Federal Gas Tax Risk Management Policy*. Your responses to this questionnaire help AMO assess risks and develop capacity-building programs.

The questionnaire consists of a series of questions regarding your municipality's financial policies and standard operating procedures (SOPs). Your responses are not used to allocate funding – but you will be asked to provide a written policy or SOP if you answer “yes” to a question and your municipality is selected for an audit.

Sample policies and SOPs can be found on the [Community](#) page.

## Definitions

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

An **SOP** describes 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.

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

A tangible capital asset policy describes how your municipality accounts for tangible capital assets – i.e., how your municipality defines, categorizes, and values assets, distinguishes between betterments and maintenance, handles capitalization and amortization, etc.

See the Canadian Institute of Chartered Accountants' [Guide to Accounting for and Reporting Tangible Capital Assets](#) for guidance on developing or improving your municipality's policy.

### Q2. 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.

### Q3. Does your municipality have an SOP for review of capital and operating accounts?

An SOP for the review of capital and operating accounts may establish a timeline for the review process, describe procedures to ensure that financial transactions are correctly classified and accounted for, and assign roles and responsibilities for the completion of the review.

### Q4. Does your municipality have a capital budget policy?

A capital budget policy establishes guidelines for the development and funding of capital projects. The policy may identify principles (e.g., affordability and sustainability), strategies (e.g., for community engagement), and guiding documents (e.g., the Official Plan) to be referenced when making budgeting decisions, assign roles and responsibilities to Council and municipal staff, and set out additional guidelines (e.g., thresholds for the inclusion of projects in the capital budget).

**Q5. 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 the procurement of goods, services or construction. Municipalities are required to adopt and maintain a policy with respect to the procurement of goods and services under s. 270 (1) of the [Municipal Act, 2001, S.O. 2001, c. 25](#).

**Q6. Does your municipality have an investment policy?**

Municipalities investing in securities prescribed under [O. Reg. 438/97](#) in accordance with s. 418 of the [Municipal Act, 2001, S.O. 2001, c. 25](#) are required to adopt a statement of the municipality's investment policies and goals that considers:

- The municipality's risk tolerance and the preservation of its capital;
- The municipality's need for a diversified portfolio of investments; and
- Obtaining legal advice and financial advice with respect to the proposed investments.

An investment policy includes this statement and establishes a set of guiding principles that address the legislative and regulatory requirements described above.

See LAS's [Building Your Municipal Investment Policy](#) and AMO's [sample investment policy](#) for guidance on developing or improving your municipality's policy.

**Q7. Does your municipality have a policy for reserves and reserve fund financial management (including segregated accounts)?**

A policy for the financial management of reserves and reserve funds may provide guidelines and direction for the establishment of reserves, transfer of reserves, system of accounting for reserves and approvals for use of reserves.

**Q8. Does your municipality have an SOP for tracking federal Gas Tax agreement compliance?**

An SOP to ensure compliance with the [Municipal Funding Agreement](#) may specify processes to ensure that federal Gas Tax funds are used solely for eligible expenditures on eligible projects and procedures to monitor project and asset management outcomes for reporting to AMO.

**Q9. Does your municipality have an asset management policy?**

An asset management policy provides the framework to plan, design, construct, acquire, operate, maintain, renew, replace and dispose tangible capital assets in a way that preserves sound stewardship of public resources. The policy outlines the principles for developing an asset management plan that identifies priority infrastructure investments based on a consistent and coordinated approach to asset management in alignment with the strategic plan.

**Q10. Does your municipality have a debt management policy?**

A debt management policy has written guidelines, allowances, and restrictions that guide the debt issuance practices of municipalities, including the issuance process, management of a debt portfolio, and adherence to various laws and regulations. A debt management policy should improve the quality of decisions, articulate policy goals, provide guidelines for the structure of debt issuance, and demonstrate a commitment to long-term capital and financial planning. In Ontario, the amount of debt that can be authorized by a municipality is restricted by the provincial Annual Repayment Limit. Councils may not approve financial obligations that will, in total, exceed 25% of a municipality's own-source revenues.

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.

### **3.3 – Contracts**

The following findings are brought forward from the year 2016 and 2017:

#### **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.

#### **Observations in 2017**

- No exceptions noted.

#### **Observations in 2018**

- In one instance, recipient was unable to locate support that the tendering process was adhered to.

#### **Management response**

- Due to high staff turnover the municipality was not able to provide support that tender process was followed for all projects.
- A new CAO and treasurer were in place in 2019.
- AMO had several discussions and provided training to staff and is able to confirm that systems are now in place.

### **5.1 – Eligible Expenditures**

The following findings are brought forward from the year 2017:

#### **Observations in 2017**

- In two instances, Federal Gas Tax funds were not applied to eligible expenditures as outlined in Schedule C of the Agreement as approval was not obtained in advance from the Oversight Committee for the use of own labour.

#### **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 both cases the expense for own staff costs has been removed.
- All project expenditures are carefully reviewed and municipalities, through various outreach/capacity building activities, are reminded of the eligibility requirements.

**Observations in 2018**

- No exceptions noted.

**5.5 – Retention of Receipts**

The following findings are brought forward from the year 2016 and 2017. We have documented our observations for the year 2018.

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

**Observations in 2017**

- In one instance, we found that the municipality did not have the records readily available.
- In one instance, we found that the municipality did not track Federal Gas Tax funds separately in a reserve fund account.
- In three 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**

- The municipality without historical records readily available was without a Treasurer and CAO at the time of the audit visit. AMO has followed up with this municipality to confirm location of records and retention policy and confirm that they are in full compliance.
- The one municipality that did not track funds separately had to do with incorrect booking of the 2017 Legacy Funding. This has been corrected.
- AMO has confirmed with these municipalities that its records match that reported to AMO. The amount reported by AMO was correct.

**Observations in 2018**

- In one instance GT was unable to observe years prior to 2018 as there was a leak causing the records room to be quarantined.

## **6.6 – Use of Funds**

The following findings are brought forward from the year 2016 and 2017. We have documented our observations for the year 2018.

### **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.
- 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.
- 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.

### **Observations in 2017**

- An investment policy had not been established in fifteen instances.
- In one cases Federal Gas Tax funds were not tracked separately in a reserve fund account.
- In two instances, no interest was credited to the Federal Gas Tax funds account.
- In three 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**

- While the number has declined, there are still a third (152) of municipalities that do not have an updated investment policy. AMO had provided templates and training, and continues to remind municipalities of the importance of an investment policy even if they currently have no investments.
- The one municipality that did not track funds separately had to do with incorrect booking of the 2017 Legacy Funding. This has been corrected.
- The correct interest amount has now been credited to the FGT Fund in all of these cases. Municipalities are continually reminded of the need to accrue interest for all/any reserve funds.

For 2018, AMO changed the specified procedure to no longer inquire as to whether the municipality had an investment policy. This is because that is now determined and verified through the Risk Management Questionnaire.

### **Observations in 2018**

- In three instances, Federal Gas Tax funds were not held in an interest bearing account and no interest credited to Federal Gas Tax fund account.

**Management response**

- In all three cases the amounts were very small as funds were used for eligible projects shortly after receipt.
- All three municipalities have confirmed that they understand the requirement and will be reporting interest for all funds received irrespective of amount.
- AMO is reviewing its Federal Gas Tax Deposit and Interest Requirements Policy.

**7.1 – Annual Reporting**

The following findings are brought forward from the year 2016 and 2017. We have documented our observations for the year 2018.

**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.

**Observations in 2017**

- In three 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 these municipalities that its records match that reported to AMO. The amount reported by AMO was correct.

**Observations in 2018**

- No exceptions noted.

**8.1 – Asset Management Plan**

The following findings are brought forward from the year 2016 and 2017. We have documented our observations for the year 2018.

**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.

**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.

For 2017, AMO changed the specified procedure to inquiry of the staff as to whether the recipient has submitted the Asset Management Plan to AMO.

**Observations in 2017**

- No exceptions noted.

**Observations in 2018**

- No exceptions noted.

**9.1 – Accounting Principles**

The following findings are brought forward from the year 2016 and 2017. We have documented our observations for the year 2018.

**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.

**Observations in 2017**

- No exceptions noted.

**Observations in 2018**

- No exceptions noted.

**9.2 – Separate records**

The following findings are brought forward from the year 2016 and 2017. We have documented our observations for the year 2018.

**Observations in 2016**

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



**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.

**Observations in 2017**

- In one instance, we found that the municipality did not have the records readily available.

**Management response**

- The municipality without historical records readily available was without a Treasurer and CAO at the time of the audit visit. AMO has followed up with this municipality to confirm location of records and retention policy and confirm that they are in full compliance.

**Observations in 2018**

- No exceptions noted.

**10.1 – Insurance**

The following findings are brought forward from the year 2016 and 2017. We have documented our observations for the year 2018.

**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.

**Observations in 2017**

- No exceptions noted.

**Observations in 2018**

- No exceptions noted.

**11.3 – Public Use**

The following findings are brought forward from the year 2016 and 2017. We have documented our observations for the year 2018.

**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.

**Observations in 2017**

- No exceptions noted.

**Observations in 2018**

- No exceptions noted.

**Risk Management Questionnaire**

The following findings are brought forward from the year 2017. We have documented our observations for the year 2018.

**Observations in 2017**

- We found that four municipalities, even though they did not have a written policy or standard operating procedure, had answered “yes” to the question in the 2017 Risk Management Questionnaire simply because they were performing the process noted in the question.
- In one instance, 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.

**Management response**

- AMO has followed up with these municipalities.
- An annual monitoring of responses to the questionnaire is in place. In addition, AMO collects and shares sample policies or standard operating procedures.

**Observations**

- In one instance a municipality answered no even though there was a written procurement policy.
- In another instance a municipality answered yes even though there was no long-term financial plan.

**Recommendation**

- AMO should remind the municipalities the importance of ensuring responses are accurate.

**Management response**

- AMO reminds municipalities of the importance of ensuring responses are accurate, and provides sample policy and procedure documents or templates.

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.

### **3.3 – Contracts**

#### **Observations in 2018**

- In one instance, recipient was unable to locate support that the tendering process was adhered to.

#### **Management response**

- Due to high staff turnover the municipality was not able to provide support that tender process was followed for all projects.
- A new CAO and treasurer were in place in 2019.
- AMO had several discussions and provided training to staff and is able to confirm that systems are now in place.

### **5.5 – Retention of Receipts**

#### **Observations in 2018**

- In one instance GT was unable to observe years prior to 2018 as there was a leak causing the records room to be quarantined.

### **6.6 – Use of Funds**

#### **Observations in 2018**

- In three instances, Federal Gas Tax funds were not held in an interest bearing account and no interest credited to Federal Gas Tax fund account.

#### **Management response**

- In all three cases the amounts were very small as funds were used for eligible projects shortly after receipt.
- All three municipalities have confirmed that they understand the requirement and will be reporting interest for all funds received irrespective of amount.
- AMO is reviewing its Federal Gas Tax Deposit and Interest Requirements Policy.

## **Risk Management Questionnaire**

### **Observations**

- In one instance a municipality answered no even though there was a written procurement policy.
- In another instance a municipality answered yes even though there was no long-term financial plan.

### **Recommendation**

- AMO should remind the municipalities the importance of ensuring responses are accurate.

### **Management response**

- AMO reminds municipalities of the importance of ensuring responses are accurate, and provides sample policy and procedure documents or templates.

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
<b>Bruce, County of</b>	<b>64,709</b>	<b>\$</b>	<b>2,061,043</b>
Arran-Elderslie, Municipality of	6,810		216,905
Brockton, Municipality of	9,432		300,418
Huron-Kinloss, Township of	6,790		216,268
Kincardine, Municipality of	11,174		355,903
Northern Bruce Peninsula, Municipality of	3,744		119,250
Saugeen Shores, Town of	12,661		403,265
South Bruce Peninsula, Town of	8,413		267,962
South Bruce, Municipality of	5,685		181,073
<b>Dufferin, County of</b>	<b>56,881</b>	<b>\$</b>	<b>1,811,714</b>
Amaranth, Township of	3,963		126,225
East Garafraxa, Township of	2,595		82,653
Grand Valley, Town of	2,726		86,826
Melancthon, Township of	2,839		90,425
Mono, Town of	7,546		240,347
Mulmur, Township of	3,391		108,007
Orangeville, Town of	27,975		891,030
Shelburne, Town of	5,846		186,201
<b>Durham, Regional Municipality of</b>	<b>608,031</b>	<b>\$</b>	<b>19,366,368</b>
Ajax, Town of	109,600		3,490,865
Brock, Township of	11,341		361,222
Clarington, Municipality of	84,548		2,692,935
Oshawa, City of	149,607		4,765,126
Pickering, City of	88,721		2,825,849
Scugog, Township of	21,569		686,993
Uxbridge, Township of	20,623		656,862
Whitby, Town of	122,022		3,886,517
<b>Elgin, County of</b>	<b>49,556</b>	<b>\$</b>	<b>1,578,406</b>
Aylmer, Town of	7,151		227,766
Bayham, Municipality of	6,989		222,606
Central Elgin, Municipality of	12,743		405,877
Dutton/Dunwich, Municipality of	3,876		123,454
Malahide, Township of	9,146		291,309
Southwold, Township of	4,494		143,138
West Elgin, Municipality of	5,157		164,255

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
<b>Essex, County of</b>	<b>177,720</b>	<b>\$</b>	<b>5,660,552</b>
Amherstburg, Town of	21,556		686,579
Essex, Town of	19,600		624,279
Kingsville, Town of	21,362		680,400
Lakeshore, Town of	34,546		1,100,323
LaSalle, Town of	28,643		912,307
Leamington, Municipality of	28,403		904,663
Tecumseh, Town of	23,610		752,001
<b>Frontenac, County of</b>	<b>26,390</b>	<b>\$</b>	<b>840,069</b>
Central Frontenac, Township of	4,556		145,113
Frontenac Islands, Township of	1,864		59,370
North Frontenac, Township of	1,857		58,669
South Frontenac, Township of	18,113		576,916
<b>Grey, County of</b>	<b>92,568</b>	<b>\$</b>	<b>2,948,379</b>
Chatsworth, Township of	6,437		205,025
Georgian Bluffs, Township of	10,404		331,377
Grey Highlands, Municipality of	9,520		303,221
Hanover, Town of	7,490		238,564
Meaford, Municipality of	11,100		353,546
Owen Sound, City of	21,688		690,784
Southgate, Township of	7,190		229,008
The Blue Mountains, Town of	6,453		205,534
West Grey, Municipality of	12,286		391,321
<b>Haliburton, County of</b>	<b>17,056</b>	<b>\$</b>	<b>542,294</b>
Algonquin Highlands, Township of	2,186		68,671
Dysart Et Al, Municipality of	5,966		190,023
Highlands East, Municipality of	3,249		103,484
Minden Hills, Township of	5,655		180,117
<b>Halton, Region of</b>	<b>501,674</b>	<b>\$</b>	<b>15,978,637</b>
Burlington, City of	175,779		5,598,729
Halton Hills, Town of	59,013		1,879,461
Milton, Town of	84,362		2,687,010
Oakville, Town of	182,520		5,813,436

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
<b>Hastings, County of</b>	<b>39,888</b>	<b>\$</b>	<b>1,270,471</b>
Bancroft, Town of	3,880		123,582
Carlow/Mayo, Township of	892		28,411
Centre Hastings, Municipality of	4,574		144,699
Deseronto, Town of	1,835		58,447
Faraday, Township of	1,468		46,757
Hastings Highlands, Municipality of	4,168		132,755
Limerick, Township of	352		11,212
Madoc, Township of	2,166		69,977
Marmora and Lake, Municipality of	4,074		129,761
Stirling-Rawdon, Township of	4,978		158,554
Tudor & Cashel, Township of	586		18,665
Tweed, Municipality of	6,057		192,921
Tyendinaga, Township of	4,150		132,181
Wollaston, Township of	708		22,550
<b>Huron, County of</b>	<b>59,100</b>	<b>\$</b>	<b>1,882,391</b>
Ashfield-Colborne-Wawanosh, Township of	5,582		177,792
Bluewater, Municipality of	7,044		224,358
Central Huron, Municipality of	7,586		241,781
Goderich, Town of	7,526		239,551
Howick, Township of	3,856		122,817
Huron East, Municipality of	9,264		295,067
Morris-Turnberry, Municipality of	3,413		108,707
North Huron, Township of	4,884		155,560
South Huron, Municipality of	9,945		316,758
<b>Lambton, County of</b>	<b>124,623</b>	<b>\$</b>	<b>3,969,362</b>
Brooke-Alvinston, Municipality of	2,548		81,156
Dawn-Euphemia, Township of	2,049		65,263
Enniskillen, Township of	2,930		93,323
Lambton Shores, Municipality of	10,656		339,404
Oil Springs, Village of	704		22,423
Petrolia, Town of	5,528		176,072
Plympton-Wyoming, Town of	7,576		241,303
Point Edward, Village of	2,034		64,785
Sarnia, City of	72,366		2,304,926
St. Clair, Township of	14,515		462,317
Warwick, Township of	3,717		118,390

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
<b>Lanark, County of</b>	<b>56,689</b>	<b>\$</b>	<b>1,805,599</b>
Beckwith, Township of	6,986		222,511
Carleton Place, Town of	9,809		312,426
Drummond/North Elmsley, Township of	7,487		238,468
Lanark Highlands, Township of	5,128		163,332
Mississippi Mills, Municipality of	12,385		394,474
Montague, Township of	3,483		110,937
Perth, Town of	5,840		186,010
Tay Valley Township	5,571		177,442
<b>Leeds &amp; Grenville, United Counties of</b>	<b>68,030</b>	<b>\$</b>	<b>2,166,820</b>
Athens, Township of	3,118		99,311
Augusta, Township of	7,430		236,653
Edwardsburgh/Cardinal, Township of	6,959		221,651
Elizabethtown-Kitley, Township of	9,724		309,719
Front of Yonge, Township of	2,752		87,654
Leeds and the Thousand Islands, Township of	9,277		295,481
Merrickville-Wolford, Village of	2,850		90,775
North Grenville, Municipality of	15,085		480,472
Rideau Lakes, Township of	10,207		325,103
Westport, Village of	628		20,002
<b>Lennox &amp; Addington, County of</b>	<b>41,809</b>	<b>\$</b>	<b>1,332,134</b>
Addington Highlands, Township of	2,517		80,647
Greater Napanee, Town of	15,511		494,040
Loyalist Township	16,221		516,654
Stone Mills, Township of	7,560		240,793
<b>Middlesex, County of</b>	<b>70,796</b>	<b>\$</b>	<b>2,254,920</b>
Adelaide Metcalfe, Township of	3,028		96,445
Lucan Biddulph, Township of	4,338		138,169
Middlesex Centre, Municipality of	16,487		525,127
Newbury, Village of	447		14,237
North Middlesex, Municipality of	6,658		212,064
Southwest Middlesex, Municipality of	5,860		186,647
Strathroy-Caradoc, Municipality of	20,978		668,169
Thames Centre, Municipality of	13,000		414,062



## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
<b>Niagara, Region of</b>	<b>431,346</b>	<b>\$</b>	<b>13,738,782</b>
Fort Erie, Town of	29,960		954,255
Grimsby, Town of	25,325		806,625
Lincoln, Town of	22,487		716,232
Niagara Falls, City of	82,997		2,643,534
Niagara-on-the-Lake, Town of	15,400		490,505
Pelham, Town of	16,598		528,662
Port Colborne, City of	18,424		586,822
St. Catharines, City of	131,400		4,185,216
Thorold, City of	17,931		571,119
Wainfleet, Township of	6,356		202,445
Welland, City of	50,631		1,612,646
West Lincoln, Township of	13,837		440,722
<b>Northumberland, County of</b>	<b>81,657</b>	<b>\$</b>	<b>2,600,853</b>
Alnwick/Haldimand, Township of	6,617		210,758
Brighton, Municipality of	10,928		348,067
Cobourg, Town of	18,519		589,848
Cramahe, Township of	6,073		193,431
Hamilton, Township of	10,702		340,869
Port Hope, Municipality of	16,214		516,431
Trent Hills, Municipality of	12,604		401,449
<b>Oxford, County of</b>	<b>105,719</b>	<b>\$</b>	<b>3,367,251</b>
Blandford-Blenheim, Township of	7,359		234,391
East Zorra-Tavistock, Township of	6,836		217,733
Ingersoll, Town of	12,146		386,862
Norwich, Township of	10,721		341,474
South-West Oxford, Township of	7,544		240,284
Tillsonburg, Town of	15,301		487,351
Woodstock, City of	37,754		1,202,501
Zorra, Township of	8,058		256,655
<b>Peel, Region of</b>	<b>1,296,809</b>	<b>\$</b>	<b>41,304,765</b>
Brampton, City of	523,906		16,687,066
Caledon, Town of	59,460		1,893,858
Mississauga, City of	713,443		22,723,841

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
<b>Perth, County of</b>	<b>37,554</b>	<b>\$</b>	<b>1,196,672</b>
North Perth, Municipality of	12,631		402,309
Perth East, Township of	12,011		383,103
Perth South, Township of	3,993		127,181
West Perth, Municipality of	8,919		284,079
<b>Peterborough, County of</b>	<b>54,786</b>	<b>\$</b>	<b>1,747,662</b>
Asphodel-Norwood, Township of	4,041		128,710
Cavan Monaghan, Township of	8,601		273,950
Douro-Dummer, Township of	6,805		216,746
Havelock-Belmont-Methuen, Township of	4,523		144,062
North Kawartha, Township of	2,289		72,907
Otonabee-South Monaghan, Township of	6,581		212,127
Selwyn, Township of	16,846		536,561
Trent Lakes, Municipality of	5,100		162,599
<b>Prescott &amp; Russell, United Counties of</b>	<b>85,381</b>	<b>\$</b>	<b>2,719,466</b>
Alfred and Plantagenet, Township of	9,196		292,901
Casselman, Village of	3,626		115,492
Champlain, Township of	8,573		273,058
Clarence-Rockland, City of	23,185		738,464
East Hawkesbury, Township of	3,335		106,223
Hawkesbury, Town of	10,551		336,059
Russell, Township of	15,247		485,632
The Nation Municipality	11,668		371,637

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
<b>Renfrew, County of</b>	<b>86,534</b>	<b>\$</b>	<b>2,756,191</b>
Admaston/Bromley, Township of	2,844		90,584
Arnprior, Town of	8,114		258,439
Bonnechere Valley, Township of	3,763		119,855
Brudenell, Lyndoch and Raglan, Township of	1,658		52,809
Deep River, Town of	4,193		133,551
Greater Madawaska, Township of	2,485		79,150
Head, Clara & Maria, United Townships of	235		7,485
Horton, Township of	2,719		86,603
Killaloe, Hagarty & Richards, Township of	2,402		76,506
Laurentian Hills, Town of	2,811		89,533
Laurentian Valley, Township of	9,657		307,585
Madawaska Valley, Township of	4,282		136,386
McNab/Braeside, Township of	7,371		234,773
North Algona Wilberforce, Township of	2,873		91,508
Petawawa, Town of	15,988		509,233
Renfrew, Town of	8,218		261,751
Whitewater Region, Township of	6,921		220,440
<b>Simcoe, County of</b>	<b>277,262</b>	<b>\$</b>	<b>8,831,060</b>
Adjala-Tosorontio, Township of	10,603		337,716
Bradford West Gwillimbury, Town of	28,077		894,279
Clearview, Township of	13,734		437,441
Collingwood, Town of	19,241		612,844
Essa, Township of	18,505		589,402
Innisfil, Town of	32,727		1,042,386
Midland, Town of	16,572		527,834
New Tecumseth, Town of	30,234		962,982
Oro-Medonte, Township of	20,078		639,503
Penetanguishene, Town of	9,111		290,194
Ramara, Township of	9,275		295,418
Severn, Township of	12,377		394,219
Springwater, Township of	18,223		580,420
Tay, Township of	9,736		310,101
Tiny, Township of	11,232		357,750
Wasaga Beach, Town of	17,537		558,570

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
<b>Stormont, Dundas &amp; Glengarry, United Counties of</b>	<b>64,824</b>	<b>\$</b>	<b>2,064,706</b>
North Dundas, Township of	11,225		357,527
North Glengarry, Township of	10,251		326,504
North Stormont, Township of	6,775		215,790
South Dundas, Municipality of	10,794		343,799
South Glengarry, Township of	13,162		419,222
South Stormont, Township of	12,617		401,864
<b>The District Municipality of Muskoka</b>	<b>59,190</b>	<b>\$</b>	<b>1,886,214</b>
Bracebridge, Town of	15,414		490,951
Georgian Bay, Township of	2,482		79,054
Gravenhurst, Town of	12,055		383,963
Huntsville, Town of	19,056		606,952
Lake of Bays, Township of	3,476		111,669
Muskoka Lakes, Township of	6,707		213,624
<b>Waterloo, Region of</b>	<b>507,096</b>	<b>\$</b>	<b>16,151,492</b>
Cambridge, City of	126,748		4,037,045
Kitchener, City of	219,153		6,980,232
North Dumfries, Township of	9,334		297,297
Waterloo, City of	98,780		3,146,237
Wellesley, Township of	10,713		341,219
Wilmot, Township of	19,223		612,271
Woolwich, Township of	23,145		737,190
<b>Wellington, County of</b>	<b>86,672</b>	<b>\$</b>	<b>2,760,586</b>
Centre Wellington, Township of	26,693		850,198
Erin, Town of	10,770		343,035
Guelph/Eramosa, Township of	12,380		394,315
Mapleton, Township of	9,989		318,159
Minto, Town of	8,334		265,446
Puslinch, Township of	7,029		223,880
Wellington North, Township of	11,477		365,553

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
<b>York, Regional Municipality of</b>	<b>1,032,249</b>	<b>\$</b>	<b>32,878,117</b>
Aurora, Town of	53,203		1,694,566
East Gwillimbury, Town of	22,473		715,787
Georgina, Town of	43,517		1,386,058
King, Township of	19,899		633,802
Markham, City of	301,709		9,609,720
Newmarket, Town of	79,978		2,547,376
Richmond Hill, Town of	185,541		5,909,658
Vaughan, City of	288,301		9,182,662
Whitchurch-Stouffville, Town of	37,628		1,198,488
<b>Single-Tier Municipalities</b>			
Alberton, Township of	864	\$	55,038
Armour, Township of	1,372		87,399
Armstrong, Township of	1,216		77,462
Assignack, Township of	960		61,154
Atikokan, Town of	2,787		177,537
Baldwin, Township of	551		35,100
Barrie, City of	136,063		8,667,473
Belleville, City of	49,454		3,150,314
Billings, Township of	506		32,233
Black River-Matheson, Township of	2,410		153,522
Blind River, Town of	3,549		226,078
Bonfield, Township of	2,016		128,423
Brant, County of	35,638		2,270,209
Brantford, City of	93,650		5,965,684
Brethour, Township of	129		8,218
Brockville, City of	21,870		1,393,161
Bruce Mines, Town of	566		36,055
Burk's Falls, Village of	967		61,600
Burpee and Mills, Township of	308		19,620
Callander, Municipality of	3,864		246,144
Calvin, Municipality of	568		36,183
Carling, Township of	1,248		79,500
Casey, Township of	374		23,825
Central Manitoulin, Municipality of	1,958		124,728
Chamberlain, Township of	297		18,919
Chapleau, Township of	2,116		134,793
Chapple, Township of	741		47,203
Charlton and Dack, Municipality of	671		42,744

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population	2018 Allocation
Chatham-Kent, Municipality of	103,671	\$ 6,604,041
Chisholm, Township of	1,263	80,456
Cobalt, Town of	1,133	72,174
Cochrane, Town of	5,340	340,168
Coleman, Township of	597	38,030
Conmee, Township of	764	48,668
Cornwall, City of	46,340	2,951,947
Dawson, Township of	563	35,864
Dorion, Township of	338	21,531
Dryden, City of	7,617	485,217
Dubreuilville, Township of	635	40,451
Ear Falls, Township of	1,026	65,358
East Ferris, Municipality of	4,766	303,603
Elliot Lake, City of	11,348	722,889
Emo, Township of	1,252	79,755
Englehart, Town of	1,519	96,763
Espanola, Town of	5,364	341,697
Evanturel, Township of	452	28,793
Fauquier-Strickland, Township of	530	33,762
Fort Frances, Town of	7,952	506,558
French River, Municipality of	2,442	155,560
Gananoque, Separated Town of	5,194	330,868
Gauthier, Township of	123	7,835
Gillies, Township of	473	30,131
Gordon/Barrie Island, Municipality of	526	33,507
Gore Bay, Town of	850	54,147
Greater Sudbury, City of	160,274	10,209,760
Greenstone, Municipality of	4,724	300,928
Guelph, City of	121,688	7,751,758
Haldimand County	44,876	2,858,687
Hamilton, City of	519,949	33,121,745
Harley, Township of	539	34,335
Harris, Township of	523	33,316
Hearst, Town of	5,090	324,243
Hilliard, Township of	204	12,995
Hilton Beach, Village of	145	9,237
Hilton, Township of	261	16,626
Hornepayne, Township of	1,050	66,887
Hudson, Township of	476	30,322
Huron Shores, Municipality of	1,723	109,758

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population	2018 Allocation
Ignace, Township of	1,202	\$ 76,570
Iroquois Falls, Town of	4,595	292,710
James, Township of	424	27,010
Jocelyn, Township of	237	15,097
Johnson, Township of	750	47,776
Joly, Township of	284	18,091
Kapuskasing, Town of	8,196	522,101
Kawartha Lakes, City of	73,219	4,663,872
Kearney, Town of	841	53,573
Kenora, City of	15,348	977,697
Kerns, Township of	359	22,869
Killarney, Municipality of	505	32,169
Kingston, City of	123,363	7,858,459
Kirkland Lake, Town of	8,493	541,020
La Vallee, Township of	988	62,937
Laird, Township of	1,057	67,333
Lake of the Woods, Township of	296	18,856
Larder Lake, Township of	684	43,572
Latchford, Town of	387	24,653
London, City of	366,151	23,324,518
MacDonald, Meredith & Aberdeen Add'l, Township of	1,464	93,260
Machar, Township of	923	58,797
Machin, Municipality of	935	59,561
Magnetawan, Municipality of	1,454	92,623
Manitouwadge, Township of	2,105	134,093
Marathon, Town of	3,353	213,593
Markstay-Warren, Municipality of	2,297	146,323
Matachewan, Township of	409	26,054
Mattawa, Town of	2,023	128,869
Mattawan, Municipality of	162	10,320
Mattice - Val Côté, Township of	686	43,700
McDougall, Municipality of	2,705	172,314
McGarry, Township of	595	37,903
McKellar, Township of	1,144	72,875
McMurrich/Monteith, Township of	779	49,624
Moonbeam, Township of	1,101	70,136
Moosonee, Town of	1,725	109,886
Morley, Township of	508	30,195
Nairn & Hyman, Township of	477	30,386
Neebing, Municipality of	1,986	126,512

## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population	2018 Allocation
Nipigon, Township of	1,631	\$ 103,898
Nipissing, Township of	1,704	108,548
Norfolk County	63,175	4,024,368
North Bay, City of	53,651	3,417,671
Northeastern Manitoulin and the Islands, Town of	2,706	172,377
O'Connor, Township of	685	43,636
Oliver-Paipoonge, Municipality of	5,732	365,139
Opasatika, Township of	214	13,632
Orillia, City of	30,586	1,948,387
Ottawa, City of	883,391	56,273,694
Papineau-Cameron, Township of	978	62,300
Parry Sound, Town of	6,191	394,379
Pelee, Township of	171	10,893
Pembroke, City of	14,360	914,759
Perry, Township of	2,317	147,597
Peterborough, City of	78,777	5,013,213
Pickle Lake, Township of	425	27,073
Plummer Additional, Township of	650	41,406
Powassan, Municipality of	3,378	215,185
Prescott, Town of	4,284	272,899
Prince Edward, County of	25,258	1,608,983
Prince, Township of	1,031	65,677
Quinte West, City of	43,086	2,744,661
Rainy River, Town of	842	53,637
Red Lake, Municipality of	4,670	297,488
Red Rock, Township of	942	60,007
Ryerson, Township of	634	40,387
Sables-Spanish Rivers, Township of	3,075	195,883
Sault Ste. Marie, City of	75,141	4,786,625
Schreiber, Township of	1,126	71,728
Seguin, Township of	3,988	254,043
Shuniah, Municipality of	2,737	174,352
Sioux Lookout, Municipality of	5,037	320,867
Sioux Narrows-Nestor Falls, Township of	720	45,865
Smiths Falls, Town of	8,978	571,916
Smooth Rock Falls, Town of	1,376	87,654
South Algonquin, Township of	1,211	77,143
South River, Village of	1,049	66,823
Spanish, Town of	696	44,337
St. Charles, Municipality of	1,282	81,666



## Allocations of the Federal Gas Tax Fund: 2018

Municipality	2011 Population		2018 Allocation
St. Joseph, Township of	1,201	\$	76,506
St. Marys, Town of	6,655		423,936
St. Thomas, City of	37,905		2,414,621
Stratford, City of	30,903		1,967,497
Strong, Township of	1,341		85,424
Sundridge, Village of	985		62,746
Tarbutt, Township of	396		25,226
Tehkummah, Township of	406		25,863
Temagami, Municipality of	840		53,510
Temiskaming Shores, City of	10,400		662,500
Terrace Bay, Township of	1,471		93,706
The Archipelago, Township of	566		36,055
The North Shore, Township of	509		32,424
Thessalon, Town of	1,279		81,475
Thornloe, Village of	123		7,835
Thunder Bay, City of	108,359		6,902,675
Timmins, City of	43,165		2,749,693
Val Rita-Harty, Township of	817		52,044
Wawa, Municipality of	2,975		189,513
West Nipissing, Municipality of	14,149		901,318
White River, Township of	607		38,667
Whitestone, Municipality of	918		58,478
Windsor, City of	210,891		13,434,160
<b>Total</b>	<b>10,151,868</b>	<b>\$</b>	<b>646,691,218</b>

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Brownfield Redevelopment</b>								
10194	City of Waterloo	Mary Allen Park Remediation	The Mary Allen Park Remediation project would be considered a park development on a brownfield site after de-contamination. The City acquired lands adjacent to the existing park for the purposes of expanding the Mary Allen Park. As part of the expansion work, site clean-up was required on the new site and this project includes excavation and removal of all impacted soil, disposal at a licensed landfill and backfill with clean imported material.	\$0.00	\$1,310,501.14	January 1, 2016	December 31, 2018	Yes
9771	City of St. Thomas	Soil Remediation of Vacant Land at 230 Talbot Street	Implementation of a soil remediation project to remove impacted soils and return the entire 0.7 hectare site to a greenfield development condition. Subsequent to remediation the City will construct a Social Housing complex on part of the site.	\$367,904.89	\$844,263.13	August 1, 2017	July 31, 2018	Yes
2138	City of London	Community Improvement Plan for Brownfield Incentives	There are several locations in London which contain soil contaminants pursuant to the Community Improvement Plan for Brownfield Incentives. The Province encourages municipalities to pass programs to clean up these sites. Brownfield redevelopment has many public benefits including energy efficiency, air quality improvements and other environmental benefits.	\$0.00	\$5,000,000.00	January 1, 2007	December 31, 2020	Ongoing

**Total Federal Funds Used: \$367,904.89**

**Total Project Costs: \$7,154,764.27**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
11987	Town of Cobourg	Development of a Cultural Master Plan	The cultural master plan (CMP) is intended as a framework to guide all aspects of cultural planning. The CMP ensures that the application of a cultural lens to all municipal decision-making is understood across various municipal departments. The plan also serves to recommend changes or additions to municipal policies and guide future funding decisions.	\$38,977.97	\$90,000.00	October 16, 2018	December 31, 2019	Ongoing
11830	Town of Marathon	Asset Management Program Development	<p>This project consists of two phases.</p> <p>PHASE 1 - policy development, maturity assessment, data collection protocols, training workshops and asset management tools and concepts.</p> <p>PHASE 2 - development of a critical activities path: gap analysis, deterioration modeling, asset condition rating, risk and criticality modeling development and life-cycle framework</p>	\$32,969.00	\$131,969.00	February 20, 2018	December 31, 2019	Ongoing
11823	Town of Erin	Asset Management System Improvements	This project is for the update of the Town's Asset Management Plan with new data, the development of a new Asset Management Policy, and the purchase and implementation of capital asset software.	\$20,992.52	\$70,992.52	May 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
11779	Town of Whitchurch-Stouffville	Asset Management Plan Update	This project is to update an existing plan from 2013 that was substantially out of date. The updated Asset Management Plan meets the requirements of the Ontario Infrastructure for Jobs and Prosperity Act, 2015, and other relevant legislation and agreements such as that with AMO. The Plan is comprehensive, covering all assets of the corporation where sufficient information is available.	\$80,411.18	\$80,441.18	September 1, 2017	December 31, 2018	Yes
11773	Township of Dorion	Biennial Inspection - One Bridge and Three Culverts	The project scope is to determine the physical and functional characteristics of the various elements at each crossing and to receive recommendations for remedial action, where required. A Bridge Condition Index (BCI) rating was also provided for each crossing. Each physical and performance characteristic was assessed using standard MTO evaluation criteria. The main objective of the project is to identify any deficiencies that will need to be addressed in future asset management planning.	\$6,512.64	\$6,512.64	August 2, 2018	August 7, 2018	Yes
11760	Township of Ignace	Implementation of Asset Management Software	Data work for the provision and implementation of the CityWide Works Software Applications services.	\$10,000.00	\$11,300.00	June 1, 2018	September 20, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
11729	Township of Perth East	Development of a Strategic Asset Management Policy	Develop a Strategic Asset Management Policy to meet the requirements under Ontario Regulation 588-17 which ensures consistent corporate wide application of asset management. It also links the asset management and annual Budget, and provides the foundation to manage assets in the most sustainable way. Reconcile asset registry to the various GIS layers to increase accuracy of asset registry.	\$21,713.76	\$21,713.76	January 8, 2018	December 31, 2018	Yes
11699	City of Richmond Hill	Development of an Asset Management Policy, Strategy and Governance Structure	Development of an Asset Management Policy, Strategy and Governance Structure to grow Richmond Hill's capacity and maturity for Asset Management Planning.	\$31,407.00	\$125,019.00	January 1, 2018	December 31, 2020	Ongoing
11656	Township of Dorion	Asset Management Road Map	To work toward compliance with provincial regulations, Dorion developed a strategic asset management policy, asset condition rating criteria and data collection tools, as well as completed an asset management and data maturity assessment. These activities helped identify gaps in our overall organizational approach to asset management and our asset data. We now have better outlined roles and responsibilities through our strategic asset management policy.	\$12,378.92	\$62,378.92	April 26, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
11641	Township of North Frontenac	Gravel Road Study	To provide a concise overview of North Frontenac's gravel roads in terms of their condition and classification. This study will identify which roads meet North Frontenac's design criteria and detail the level of improvement appropriate for roads that are deficient. The report provides assistance to the Township for developing and executing a planned road maintenance and improvement program. This Study is integral to developing and maintaining our Asset Management Plan.	\$14,581.87	\$15,000.00	June 1, 2018	March 31, 2019	Ongoing
11553	Town of Huntsville	Development of a Comprehensive Municipal Asset Management Plan	Huntsville is developing a Comprehensive Municipal Asset Management Plan, with the help of a Consultant, which is in compliance with the Building Together: Guide for Municipal Asset Plans and will meet (or exceed) the requirements and deadlines set by the Ontario Regulation 588/17 under the Infrastructure for Jobs and Prosperity Act, 2015.	\$65,020.97	\$179,065.00	March 12, 2018	December 31, 2019	Ongoing
11526	City of Guelph	Implementation of an Asset Management Decision Support System	Implementation of a computerized system to assist in asset management priority decision making. The system is being integrated into both the City's work management system and capital budget system. This will provide the ability to analyze the impact of changes of funding and priorities on condition and level of service of assets in real time and will lead to improved capital planning and best use of the City's capital funding.	\$48,520.45	\$650,000.00	January 1, 2018	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
11516	City of St. Catharines	Development of a Transportation Master Plan	The Transportation Master Plan (TMP) helps guide and plan investment in transportation infrastructure for the next 25 years. As such, the TMP reviews all aspects of the transportation system to integrate sidewalks, pathways and roadways into one cohesive transportation system. This helps ensure that opportunities for cyclists, pedestrians and public transit users are included in the review of existing and potential new roadways and active transportation corridors.	\$56,569.47	\$400,000.00	January 16, 2017	June 30, 2020	Ongoing
11478	City of Vaughan	Traffic Data Collection Inventory	Implementation of map-based systems for linear infrastructure that will improve the accuracy of asset records and efficiency of asset information retrieval and review.	\$85,307.30	\$329,600.00	January 1, 2014	December 31, 2019	Ongoing
11466	City of Cambridge	Stormwater Management Funding Plan	A stormwater funding plan allows the city to develop a model to sustainably and equitably fund the stormwater management program. The funding plan reviews the existing funding model, identifies gaps in funding, and provides recommendations on alternative funding methods along with an implementation plan.	\$0.00	\$164,161.00	August 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
11363	City of Oshawa	Building Condition Audits	Consulting services to conduct building condition audits of the City's vertical assets to assess their condition, and create a maintenance life-cycle schedule for the next 25 years based on Building Owners Management Association (BOMA) standards and the City's VFA asset management software.	\$65,703.94	\$372,175.00	January 1, 2018	December 31, 2020	Ongoing
11326	Municipality of North Middlesex	Capital Asset Software Implementation	North Middlesex implemented City Wide Asset Management software to enhance and implement long term capital planning as mandated by the Provincial government through Ontario Regulation 588/17. The software enables us to track our comprehensive inventory list, forecast at a minimum 10 year capital planning, and determine current as well as proposed level of service for linear and point assets. The software increases efficiency and effectiveness in long term capital planning and reporting.	\$101,643.51	\$101,643.51	April 1, 2018	December 31, 2018	Yes
11322	Township of Larder Lake	Asset Management Plan Update	The original Asset Management plan was completed in 2013 and this annual update is required to comply with the provincial requirements.	\$18,306.64	\$18,306.64	March 1, 2015	January 15, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
11321	Township of Larder Lake	Asset Management GIS project	Larder Lake was created in the mining era and planning was not a priority of the day. Therefore there are very few surveys. The purpose of doing a topographical survey based on horizontal and vertical control monuments was to properly locate all infrastructure (i.e., manholes, hydrants, culverts, road edges and property lines). This will facilitate future rural planning as well as asset management planning.	\$45,513.32	\$45,513.32	March 1, 2015	February 1, 2018	Yes
11306	Town of Hearst	Asset Management Enhancements: Training and Software	Asset Management is an integral part of any future municipal financial planning. This enhancement allows for better understanding of Asset Management culture among the Senior Management team. A software was purchased to have all data available in one format instead of multiple spreadsheets. We also had training on assessing the conditions of our assets.	\$11,720.72	\$59,991.70	October 2, 2017	September 28, 2018	Yes
10997	Township of Red Rock	Preparation of a Strategic Asset Management Policy	Regulation 588/17 requires every municipality in Ontario to have a Strategic Asset Management Policy in place by July 1, 2019. These policies identify municipal goals relevant to asset management and define processes and principles guiding asset management planning. The Township of Red Rock is working with asset management specialists to prepare a policy that complies with the regulation by the legislated deadline.	\$12,500.00	\$62,500.00	June 1, 2018	March 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
10981	Township of Hornepayne	Asset Management Policy Update	Implementation of a Strategic Asset Management Policy and Asset Management Policy Update to the current Asset Management Plan which will include current levels of service and proposed levels of service, and will encompass all municipal assets.	\$0.00	\$65,000.00	May 16, 2018	December 31, 2019	Ongoing
10893	City of Richmond Hill	Integrated Financial System for Asset Management Planning	The implementation of a new integrated ERP software system facilitates improved tracking and management of Richmond Hill's infrastructure assets and improves the capacity for sound asset management planning.	\$5,117,368.00	\$15,030,400.00	January 31, 2017	December 31, 2019	Ongoing
10870	City of Sault Ste. Marie	Downtown Traffic Study – One-way vs Two Way Analysis	Study to evaluate changing from one-way to two-way traffic in the downtown, as well as to improve active transportation. Major streets being studied include, Queen Street, Bay Street, Albert Street, Wellington Street, Gore Street, Andrew Street, Pim Street and Church Street. The project is also studying traffic capacity to explore the possibilities of lane reductions in order to create space for off-road and on-road cycling.	\$73,130.68	\$114,597.78	July 7, 2017	December 31, 2018	Yes
10847	Town of New Tecumseth	Roads Needs Study Update	To complete a review and update to the Town's Roads Needs Study. The study is reviewed and updated every 5 years and includes the inventory of roads, type, length, condition assessment, priority ranking, etc. This document is used as a basis for completing the annual budget and also for longer term financial planning.	\$21,560.05	\$148,318.87	April 3, 2017	June 28, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
10771	City of Vaughan	Building Condition Audits	This audit provides the necessary information about the existing condition of the city's buildings for the City to plan, prioritize and budget for future renovation/improvement work. With this study, preventive maintenance can be scheduled more effectively to reduce service disturbance to the public.	\$12,008.24	\$330,000.00	July 31, 2016	December 31, 2019	Ongoing
10768	Town of Fort Frances	Asset Management Plan Update	The Town of Fort Frances is undergoing a full scope Asset Management Plan including data disaggregation and data refinement, maturity assessment and policy creation. This plan will assist the Town administration and Council in making long term planning decisions.	\$51,032.64	\$208,296.96	July 1, 2017	December 31, 2018	Yes
10765	Town of Grimsby	Strategic Plan for Asset Management	The Town is working with a consultant to develop a strategic asset management plan (SAMP). The plan conforms to provincial (O. Reg. 588/17) and federal guidelines and follow international best practices (ISO 55000). The SAMP is meant to clarify the vision for asset management and provide direction for Town staff. The components of the plan include a Strategic Asset Management Plan, an Implementation Plan, and a Levels of Service Framework.	\$8,400.00	\$41,000.00	August 27, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
10662	Township of North Frontenac	Hard Top Road Condition Re-Evaluation Study	This project is being completed to update the previous Hard Top Road Condition study completed in 2012. This report will provide up to date Inventory, Value, Condition, Needs and provide a 10 year Capital Plan. The original report has been beneficial to provide the details required to incorporate into our 10 year plan and assist with a proper road maintenance/rehabilitation strategy, through work plans and financial planning.	\$0.00	\$12,940.76	October 17, 2017	April 30, 2019	Yes
10661	Town of Oakville	Flooding Protection Program	The town wide 2008 Flood Study identified over 40 flood vulnerable areas and recommended follow up studies to consider mitigation opportunities. The flood risk potential within 4 subwatersheds are being studied in this project. This year, a flood mitigation study is being completed for Fourteen Mile Creek.	\$10,882.00	\$522,000.00	January 1, 2017	December 31, 2019	Ongoing
10635	City of Thunder Bay	Asset Management Roadmap	In-depth asset management maturity assessment and customized roadmap in alignment with climatic, social, economic and environmental sustainability goals as well as an Asset Management systems analysis. Prepare draft asset management policy, strategy and governance framework. Implement Asset Management Regulation O. 588/17 including inventory analysis, lifecycle costing, risk modeling, levels of service and financial strategy.	\$20,479.20	\$240,146.00	September 1, 2017	December 31, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
10633	Town of Oakville	Environmental Strategic Plan Update	Environmental Strategic Plan (ESP) review to incorporate up-to-date information on environmental indicators of Oakville's environment, ESP implementation status, best practices, policies, programs, legislation, technologies and issues. This project refreshes the recommendations and provides the framework for continued prioritized implementation based on the most current information. Maintaining the ESP ensures its relevancy and is essential for future decision-making.	\$11,778.00	\$100,051.00	January 1, 2017	December 31, 2018	Yes
10593	Town of Ajax	Integrated Transportation Master Plan Update	The project is to update the Transportation Master Plan and the Pedestrian and Bicycle Master Plan. Known as the Integrated Transportation Master Plan (ITMP), the goal of the study is to establish a holistic and integrated approach to transportation planning, design and implementation throughout the Town.	\$38,735.63	\$200,000.00	March 1, 2017	April 1, 2019	Ongoing
10560	Township of Springwater	Developing Asset Management Strategies and Capacity in Springwater	Develop Asset Management Strategies and Capacity in Springwater. The Township has engaged the services of Public Sector Digest to assist the Township in moving forward with their asset management initiatives.	\$0.00	\$62,500.00	October 19, 2017	December 31, 2018	Yes
10559	Township of Springwater	Long Term Budget & Planning Software	Implementation of a new corporate wide web based long term budget and planning software to support the Township's ongoing asset management initiatives.	\$16,317.56	\$40,000.00	June 30, 2017	July 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
10547	Town of Smiths Falls	Building Condition Assessment	As part of our Asset Management Plan we are determining our municipal building costs and conditions to assist in financial forecasting of repairs/replacement. There are a total of 17 municipal buildings that will be included in this assessment which are all part of current consolidated asset registry of facilities.	\$0.00	\$50,000.00	April 30, 2018	April 30, 2019	Ongoing
10528	Town of The Blue Mountains	Purchase of Asset Management Software	The purchase of Asset Management Software follows the Town's Corporate Strategic Plan in ensuring the Town's infrastructure is sustainable. The software is an integral part of the Town's tangible capital assets and infrastructure management, including long term capital planning and annual preventative maintenance.	\$30,938.82	\$138,329.00	January 1, 2017	December 31, 2018	Yes
10526	Town of Mattawa	Asset Management Plan Update	This project promotes sustainable service levels for ratepayers, while maintaining a fiscally responsible level of budgetary use and debt structure. The updated AMP and its associated documents continues to ensure infrastructure dollars are spent with maximum effect and cost benefit in order to: protect public health and safety; identify and achieve appropriate levels of service; and extend life cycle of existing municipal infrastructure assets.	\$0.00	\$120,000.00	March 27, 2017	July 1, 2024	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
10436	City of Oshawa	Workforce Management Software Implementation	Implementation of Workforce Management software with work order and asset management functionality and provision of systems infrastructure needed to take advantage of mobile/remote technologies to improve customer service and the efficiency of various business units within the City.	\$518,181.25	\$3,138,000.00	January 1, 2017	December 31, 2020	Ongoing
10414	City of Stratford	Citywide Bridge Appraisal	Completion of the 45 OSIM Bridge and Culvert inspections throughout the City of Stratford in order to identify any issues or deficiencies with structures, and develop and maintain a maintenance program to promote an acceptable standard in terms of public safety, comfort and convenience	\$9,014.02	\$19,955.26	November 2, 2017	December 31, 2018	Yes
10368	City of Cambridge	Facilities Condition Assessment	Facility condition assessment of all City facilities (all arenas, all pools, administration buildings, grandstands, washroom buildings, workshops, storage buildings). Critical projects (life and safety, service interruption projects) are being corrected on an immediate basis. The study will offer a ten year renewal program for the facilities.	\$7,272.00	\$150,000.00	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
10364	City of Cambridge	Asset Life Cycle Planning Tool Expansion	Expansion of the Inframodex tool to extend life-cycle planning to all other asset groups (i.e., parks, trails, trees, walkways, fleet, play structures, etc.). This tool has been successfully implemented for water/sanitary/drainage/road infrastructure and is now a part of the capital planning process. Extending this tool to other asset classes provides a consistent process and reporting methodology.	\$16,701.00	\$70,000.00	January 1, 2017	December 31, 2019	Ongoing
10269	City of Barrie	Computerized Maintenance Management System Improvement - Archibus	Improve the use and functionality of Archibus to support planning, tracking, and reporting of City facilities, and related maintenance activities. By performing a system version upgrade, Archibus will provide improved data quantity and quality including asset data collection. Expansion of the system to all facilities that are not currently utilizing it will improve reporting requirements.	\$89,024.49	\$200,000.00	May 1, 2017	December 31, 2019	Ongoing
10037	City of Richmond Hill	Detailed Energy Audits of Municipal Buildings	The Detailed Energy Audits examine 13 Town facilities including six major facility operation types: ice rinks, swimming pools, community centres, administrative offices, public libraries and performing arts facilities, to 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.	\$0.00	\$98,146.00	January 1, 2016	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
10032	City 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.	\$2,208.00	\$80,263.00	January 1, 2016	December 31, 2018	Yes
10017	City of Niagara Falls	Sanitary Network Condition Assessment	Complete CCTV inspection program of City wide existing sanitary and combined sewer system. This includes review and assessment of all CCTV inspection results to provide recommendations to drive future "State of Good Repair" and wet weather flow reduction sewer projects.	\$0.00	\$2,600,000.00	June 1, 2017	December 31, 2019	Ongoing
10014	City of Niagara Falls	Water Distribution System Master Servicing Plan	Completion of a city wide assessment of the municipal drinking water distribution network from a Level of Service, Operational and Condition standpoint. Recommendations provided for a multi-year capital works program to achieve desired service levels. Provision of an up to date and calibrated computer model of the water distribution network.	\$0.00	\$200,000.00	May 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
10008	City of Barrie	Energy Audits and Re-commissioning Studies	Re-commissioning uses consultants to review all building HVAC, control systems, and sensors. This ensures all equipment is operating as intended and as building occupancy warrants. The studies are done over three seasons to ensure proper operations in all weather conditions. Energy audits are studies done by consultants to determine where, when, and how energy is being used in a facility.	\$254,928.74	\$670,000.00	January 1, 2016	December 31, 2019	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 integration with other enterprise/business applications systems. The Cityworks technology system is being deployed to the field to reduce paper based work order processes.	\$75,345.00	\$1,699,000.00	January 1, 2016	December 31, 2019	Ongoing
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.	\$1,761.25	\$63,158.00	January 1, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
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.	\$0.00	\$21,908.42	December 31, 2016	December 31, 2018	Yes
9910	City of Mississauga	Asset Management Plan Development and Implementation	The project supports a consistent corporate-wide approach to asset management to effectively manage existing and new infrastructure. This maximizes benefits, reduces risk, and supports the community with appropriate levels of service while ensuring sustainability and financial stability. This project implements a fully integrated asset management software system that is able to integrate information from various asset management systems throughout the City departments.	\$0.00	\$120,000.00	January 1, 2017	December 31, 2021	Ongoing
9874	City of Brantford	Condition Assessment of City Roads	Utilizing an external consultant, the City undertook a condition assessment of City roads by type, extent and severity of pavement surface distress and ride comfort in accordance with the Asset Management Strategy in Section 4 of the City's 2017 Asset Management Plan. The results of this program will be used to establish cost effective rehabilitation and replacement strategies to minimize lifecycle costs and for the development of capital plans.	\$0.00	\$65,709.86	January 3, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
9867	County of Huron	Integration of Geographic Information System (GIS) with Asset Management	Implementation, configuration and migration of asset datasets into GIS technology, hardware and integration with other systems. Includes efforts to assemble information related to condition and valuation.	\$15,192.80	\$80,000.00	January 1, 2017	December 31, 2020	Ongoing
9866	County of Huron	Huron County's Asset Management System	Implementation, configuration, and training of asset and workorder systems to support asset management.	\$11,889.13	\$80,000.00	December 1, 2017	December 31, 2020	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)	\$0.00	\$100,000.00	August 1, 2016	August 31, 2020	Ongoing
9754	City of Vaughan	Condition Assessments of the Roofs of Various City-Owned Buildings	Consulting services to audit and assess the condition of the roofs of various city owned buildings and to provide reports detecting necessary work, remaining life span, and costs.	\$0.00	\$30,000.00	October 1, 2015	December 31, 2018	Yes
9577	City of Windsor	Enhancing Asset Management Planning Capacity	Ensure completion of several asset management projects currently in development, such as the Parks Asset Hierarchy, identification of data gaps, asset data collection, and software implementation for asset data conditions, work orders and inspection. Also included is the 20-year life cycle costing models for the City of Windsor assets.	\$0.00	\$110,000.00	February 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
9547	Town of East Gwillimbury	Rail Crossing Safety Audit	Transport Canada through the Railway Safety Act have introduced new Grade Crossing Regulations. These regulations impose more demanding and stricter safety standards and this audit is required to ensure compliance and to inform our Long Term Planning strategies. All railway crossings are checked for compliance and the deficiencies which are required to be addressed by the Town are identified.	\$0.00	\$20,000.00	June 1, 2017	December 31, 2019	Ongoing
9509	Township of Warwick	Asset Management Plan Update	The Township of Warwick is implementing Phase 2 of its asset management plan development. Work in 2016 was focused on the completion of a paved roads study for the entire township. Efforts are now focused on asset management policy development and implementation. All ongoing improvements are aimed at keeping the Township of Warwick ahead of revised requirements with respect to asset management plan reporting.	\$17,501.00	\$37,344.20	January 1, 2016	December 31, 2018	Yes
9474	City of Pickering	Facility Conditions Assessment (Recreation Centres, Community Centres, Fire Hall etc.)	Consulting services to provide condition assessments of the East Shore Community Centre, Don Beer Arena, Dunbarton Pool, Fire Halls #2, #5, and #6, and the Dr. Nelson F. Tomlinson Community Centre. Data will be used to build an asset database, establish life cycle and replacement costs and prepare the city's provincially-mandated asset management plan.	\$20,759.05	\$70,120.45	May 26, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
9473	City of Pickering	Asset Management Planning	Project involves consulting services for the development of a Road Map in Year 1, to be completed in Year 2 followed by the 2017 AMP Report which will include full risk assessment, life cycle intervention models, deterioration curves, optimized budget development and a defined level of service framework and, staff workshops.	\$17,130.12	\$332,500.00	April 20, 2016	December 31, 2019	Ongoing
9183	City 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.	\$85,548.00	\$292,413.00	January 1, 2015	December 31, 2019	Ongoing
9181	City of Richmond Hill	Asset Management Plan Consulting	Consulting services to help Richmond Hill develop and implement its first corporate asset management plan.	\$0.00	\$403,600.00	January 1, 2015	December 31, 2018	Yes
9171	City of Barrie	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.	\$87,303.42	\$1,663,006.19	January 1, 2015	December 31, 2019	Ongoing
9160	City of Barrie	Geographic Information Systems (GIS) Software for Asset data capture	Asset data capture for use in maintenance and asset management decision making.	\$175,000.00	\$1,610,000.00	December 31, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
9083	Township of Guelph/Eramosa	Asset Management Plan and Long Term Infrastructure Plan Phase II	Project involves completion of Phase II of the Township's asset management plan. The plan will include all municipal assets, including the recent requirement for storm sewer and stormwater assets, and will improve local planning, assist in infrastructure sustainability and life-cycle cost assessments. Also included is an upgrade of the asset management software in an effort to move to a functional GIS based database.	\$0.00	\$120,000.00	April 15, 2016	December 31, 2020	Ongoing
9016	City of Brampton	Corporate Asset Management Plan	Development and implementation of a Corporate asset management plan supported by effective corporate asset management policies, processes and practices.	\$64,875.89	\$980,000.00	January 1, 2016	December 31, 2018	Yes
8970	Township of Woolwich	Asset Management Plan Update and Enhancement	A Consultant will be hired to update the Township's existing Asset Management Plan to include all of the eligible expenditure categories as contained in the Federal Gas Tax Fund program. New asset management software will be purchased and installed to track and maintain the Asset Management Plan as well as to guide the staff and Council through the long-term planning process.	\$29,090.96	\$155,725.75	May 16, 2016	October 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
8909	City of Windsor	Municipal Facilities Building Condition Assessments	Each municipal facility is being assessed and reported upon in terms of the key components of the building envelope and the building systems. This project is critical in developing the City's asset management planning program and informs the framework for the creation of future capital budget requests over the next ten years.	\$146,000.00	\$300,000.00	March 3, 2014	December 31, 2019	Ongoing
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.	\$0.00	\$25,000.00	March 2, 2016	December 31, 2018	Yes
8834	City of Thunder Bay	Engineering/Transportation Master Plan	Review of the existing plan and creation of a new Transportation Master Plan for the city, to ensure effective development and renewal of road infrastructure to meet the needs of the community in the future.	\$0.00	\$368,102.00	March 2, 2015	September 30, 2019	Yes
8703	Township of O'Connor	Review & Update of Official Plan and Zoning By-Law	Review & Update of the Township's Official Plan and Zoning By-Law by a Consultant.	\$0.00	\$22,173.50	October 26, 2015	December 31, 2019	Ongoing
8462	Town of Hawkesbury	Hydraulic Master Plan	Hydraulic Master Plan for future development planning and supply capacity of current waterworks infrastructure.	\$79,595.48	\$400,000.00	August 1, 2015	October 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
8461	Town of Hawkesbury	Road condition study	Citywide road condition study for information of most critical roads to repair/renew.	\$4,833.60	\$101,597.19	June 1, 2016	June 30, 2018	Yes
8304	City of Kitchener	Pavement Management System/Road Needs	The main aspect of this project is the detailed condition inspection of the City's entire road infrastructure every two years, and the entire sidewalk infrastructure every year. Inspection involves a data-driven approach of identifying defects, quality and roughness indicators to assess the overall condition of the sidewalk/road. The outcome of this analysis provides a prioritized list of road and sidewalk infrastructure that requires immediate restoration/replacement based on condition.	\$75,700.00	\$402,060.80	February 9, 2015	December 31, 2018	Yes
8122	City of Vaughan	Development of a Corporate Asset Management Plan	To develop a Corporate Asset Management Policy and Plan including implementation of an AM Planning software system, Work Order Management System, and gathering data on the City's inventory including condition and operational maintenance schedules.	\$125,588.46	\$3,044,000.00	January 1, 2014	December 28, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
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.	\$94,768.00	\$2,044,524.00	January 1, 2014	December 31, 2019	Ongoing
7868	City of Oshawa	Building Condition Audits	Consulting services to conduct building condition audits of the City's vertical assets to assess their condition, and create a maintenance life-cycle schedule for the next 25 years based on Building Owners Management Association (BOMA) standards and the City's VFA asset management software.	\$0.00	\$335,500.42	January 1, 2015	December 31, 2018	Yes
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 also provides long-term financial benefits from the implementation of renewable energy initiatives to support the Energy Descent Strategy and local economy.	\$0.00	\$256,075.00	May 1, 2014	June 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
7246	City 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. The ISO 14001 EMS is associated with our Asset Management Plan as an input into Levels of Service for infrastructure that is subject to environmental regulation	\$21,293.00	\$171,716.00	January 1, 2013	December 31, 2019	Ongoing
7101	City of Brampton	Downtown (Queen Street W) Land Use Study for Development Permit System	This project is linked to the City's long term planning as it examines land use in a specific area of our downtown (Queen St. W) and makes recommendations with respect to future land use (e.g. retaining stable neighbourhoods, areas that can redevelop). A Development Permit system will be created to establish the long-term planning vision for the selected areas of intensification to set in place a regulatory framework and approvals process to facilitate the implementation of the vision.	\$0.00	\$85,000.00	January 1, 2011	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
7092	City of Thunder Bay	Citywide Bridge/Culvert Inspection	Inspection and assessment of all the City's structures, including bridges, culverts over 3 m in diameter, and retaining walls by a structural engineer, culminating in a report outlining the rehabilitation and reconstruction work that needs to be completed on each structure with associated timelines. This informs the asset management plan for the City's structures.	\$0.00	\$3,860,000.00	January 1, 2014	May 14, 2018	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.	\$0.00	\$12,500.00	January 1, 2013	December 31, 2019	Yes
6901	Region of Peel	Accessible Transportation Master Plan Implementation/Studies	To enhance the TransHelp program and to ensure the Region of Peel is AODA compliant with a sustainable model of service delivery for Peel residents. The focus is on the creation and implementation of the AT Master Plan with a newly designed self-service website for users and caregivers with an on-line para-transit application; online portal to book rides and access accounts; Interactive Voice Response Systems; and enhancements to the Trapeze scheduler.	\$204,150.59	\$3,900,000.00	January 1, 2013	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
6534	Municipality of Port Hope	Development of an Asset Management Plan	Developing a comprehensive asset management plan including the valuation, age, and condition of assets; defining levels of service expected; summarizing planned maintenance actions that will ensure assets reach their useful life and operate at expected levels; and providing a financing strategy with yearly expenditure forecasts. Phase 2 involves purchasing and implementing asset management software, as well as conducting water and wastewater needs studies.	\$115,453.69	\$290,000.00	April 1, 2013	December 31, 2019	Ongoing
6392	City of Richmond Hill	Work and Asset Management Software System Replacement	Work and Asset Management Software System to manage the Town's infrastructure assets, including buildings, parks, roads, water, wastewater and stormwater infrastructure.	\$281,259.00	\$2,679,500.00	January 1, 2009	December 31, 2019	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.	\$20,572.99	\$150,000.00	January 1, 2012	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
6326	City of Brampton	Midrise Development Design Guidelines	City-wide Development Guidelines study will detail planning and urban design provisions for mid-rise type of residential development with focus on sustainable, urban development along main transit routes, transit nodes and major stations within mobility hubs. Mid rises are desirable for infill and intensification, and increasingly popular in greenfield sites, since it could increase densities in support of transit without a major impact on the surrounding area or infrastructure.	\$0.00	\$50,000.00	January 1, 2012	December 31, 2018	Yes
6320	City of Brampton	Storm Water Management Study	This study is required to gain a better understanding of the overall Stormwater system, its current condition, the asset management needs over the next 100 years & the funding alternatives that would achieve a sustainable system. Specific plans will be developed to address flooding, erosion & water quality issues, not only in the Stormwater Management Ponds, but also in the associated watercourses. A comprehensive asset management and renewal program will be developed & implemented.	\$302,016.81	\$1,350,000.00	January 1, 2012	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Capacity Building</b>								
6216	County of Frontenac	County of Frontenac Official Plan	To develop an Official Plan which 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. Also included is an update of the County's growth projections from 2015 - 2040 to help determine future growth and land supply needs.	\$0.00	\$36,000.00	January 2, 2012	December 31, 2018	Yes
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 Standards Association for an eligible brownfield site.	\$193,601.04	\$835,000.00	January 1, 2007	December 31, 2018	Yes

**Total Federal Funds Used: \$9,356,940.78**

**Total Project Costs: \$56,421,462.60**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
11938	Township of Fauquier-Strickland	Conversion to LED lighting in Public Works Garage	Upgraded the existing light fixtures at the Public Works garage to new energy efficient LED fixtures. 9 large ceiling spotlights and 11 florescent lights were converted to LED.	\$10,836.70	\$10,836.70	December 3, 2018	December 7, 2018	Yes
11697	City of Richmond Hill	Pilot Installation of a Liquid Pool Cover and Automated Pool Makeup Water System at Two Pools	Installation of a liquid pool cover that forms a thin layer across the surface of the water to reduce water and heat loss during the night when the pool is not in use. This reduces both water and heating costs at the Centennial Pool in Richmond Hill. Installation of an automated pool make-up water system optimizes the use of water and recovers heat from discharge water at the Wave Pool in Richmond Hill.	\$20,352.00	\$35,000.00	January 1, 2018	December 31, 2019	Ongoing
11696	City of Richmond Hill	Replacement of HVAC and Pool Systems with Energy Efficient Equipment at Elgin West Community Centre	Replacement of aging HVAC and pool mechanical components with energy efficient equipment at Elgin West Community Centre in Richmond Hill to support energy conservation and greenhouse gas emission reductions.	\$4,826.00	\$125,000.00	January 1, 2018	December 31, 2020	Ongoing
11695	City of Richmond Hill	Replacement of HVAC and Arena Systems with Energy Efficient Equipment at the Tom Graham Arena	Replacement of aging HVAC and arena components with energy efficient equipment at the Tom Graham Arena in Richmond Hill to support energy conservation and greenhouse gas emission reductions.	\$214,300.00	\$600,000.00	January 1, 2018	December 31, 2020	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
11694	City of Richmond Hill	Replacement of Mechanical & Electric Systems with Energy Efficient Devices at the Operations Centre	Replacement of aging mechanical and electric building components with energy efficient equipment at the Richmond Hill Operations Centre to support energy conservation and greenhouse gas emission reductions.	\$14,653.00	\$1,750,000.00	January 1, 2018	December 31, 2020	Ongoing
11581	Town of Huntsville	Canada Summit Centre - Plant Automation	This project is for the installation of an automated controls system equipped with night set back and floating head pressure within the Canada Summit Centre. Reduced energy consumption resulting from the installation is expected to save \$23,521 per year.	\$31,989.00	\$56,850.00	January 1, 2018	February 1, 2019	Ongoing
11578	Town of Huntsville	Madill Yard - Lighting Upgrade	The Town of Huntsville, with the financial assistance of the Federal Gas Tax Fund and Ontario's Save On Energy Initiatives, has completed a retrofit of the lighting in the Public Works Facility. This project included the replacement of 97 light fixtures with LED fixtures. It is anticipated that the annual consumption of energy will decrease 69%, saving 32,459 kWh annually.	\$25,075.22	\$27,475.22	May 4, 2018	January 25, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
11576	Town of Huntsville	Canada Summit Centre - Lighting Upgrades	The Town of Huntsville, with the financial assistance of the Federal Gas Tax Fund and Ontario's Save On Energy Initiatives, has completed a retrofit of the lighting in several areas of the Canada Summit Centre. This project included the replacement of several light fixtures with LED fixtures. The project is expected to reduce energy consumption by 447,709 kWh annually and enhance users' experience with a higher quality of light.	\$229,876.80	\$258,040.00	May 4, 2018	December 31, 2018	Yes
11575	Township of Harris	Energy Saving Retrofits in Municipal Hall & Garage	This project is for the upgrade of the heating system in our municipal hall with an energy efficient furnace. The project also updates insulation in the garage and replacement of old wood doors with new, energy efficient doors.	\$8,517.24	\$40,000.00	October 1, 2018	October 31, 2020	Ongoing
11574	Town of Huntsville	Huntsville Civic Centre - Lighting Upgrade	The Town of Huntsville, with the financial assistance of the Federal Gas Tax Fund and Ontario's Save On Energy Initiatives, has completed a retrofit of the lighting in the Civic Centre. This project included the replacement of light fixtures with LED fixtures. The annual consumption of energy is expected to decrease 54%, saving 94,161 kWh annually. Work also enhances users' experience with a higher quality of light.	\$48,089.00	\$56,089.00	December 3, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
11570	Municipality of Red Lake	Replacement of Geothermal Pump at Red Lake Public Library	Geothermal heat pumps at Red Lake Public Library required replacement as the seals were compromised and leaking refrigerant. This was an emergency, as the heat pumps are the only source of heat for the building. The Facilities Manager weighed several options, but all were less energy efficient and more expensive than replacement. Geothermal is a renewable energy and we felt it was the best option to stay with this renewable, clean energy heat source.	\$28,195.66	\$28,195.66	September 3, 2018	November 30, 2018	Yes
11563	City of Mississauga	Retrofit of Various Arenas and Swimming Pools with LED Lighting and Dimmers	Install new light emitting diode (LED) lighting and dimmers to replace existing metal halide light fixtures in various pools and arenas to reduce electrical consumption and costs. The locations were as follows: Paul Coffey Arena; Mississauga Valley Community Centre; Clarkson Community Centre; Huron Park Recreation Centre; Burnhamthorpe Community Centre; Iceland Arena; Meadowvale 4 Rinks; River Grove Arena; and Malton Community Centre.	\$215,620.03	\$1,179,800.00	January 3, 2017	June 28, 2019	Ongoing
11559	City of Mississauga	Roof replacement at City Hall	Design and replace roof at City Hall	\$380,481.66	\$6,560,000.00	January 2, 2018	April 30, 2019	Ongoing
11527	City of Barrie	Energy Efficiency & Conservation Initiatives at Multiple Facilities	This project is for the retrofit of T8 fluorescent lighting with LED technology to reduce energy consumption. In total 1,669 fixtures and 4,047 T8 fluorescent bulbs were retrofitted to LED technology.	\$160,425.48	\$300,000.00	June 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
11514	City of Pickering	Energy Retrofits in Multiple Buildings	This project is for various energy-saving retrofits and investments: rebuilding the refrigeration plant at O'Brien Arena, upgrading air handling units in municipal buildings, replacing the main chiller plant, boilers and tanks at community centres with energy-efficient equipment, and converting lighting fixtures in fire halls to LED fixtures. The objective of this project is to reduce energy consumption, extend the life of assets, and complete lifecycle replacement.	\$983,044.89	\$1,580,000.00	June 4, 2018	December 31, 2020	Ongoing
11508	City of Woodstock	Energy Efficient Street Lighting Phase 2	Replace HPS with more energy efficient LED Street Lights in certain sections of the City. 3,592 LED replacements will be done.	\$341,000.00	\$2,989,965.60	January 8, 2018	December 31, 2018	Yes
11481	City of Cambridge	Replacement of Heat Pumps and Chiller at the DDC/Centre for the Arts	The majority of heat pumps at the David Durward Centre/Centre for Arts are from 1992; the chiller is original. Replacement of heat pumps is a critical requirement to ensure the continued operation of the building.	\$438,263.00	\$541,730.00	January 1, 2018	December 31, 2019	Ongoing
11465	City of Cambridge	Boiler Replacement - Library (Queen Sq)	The boiler was installed in 1995 and has a 20 year life span. The boiler should be replaced as it is older than its expected life span (23 years old). This project was identified in the 2014 energy audit. Energy savings and GHG reductions will be achieved.	\$16,998.00	\$249,000.00	January 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
11464	City of Cambridge	Energy Retrofits - Hespeler Arena	Relamping of the entire Hespeler Arena building excluding Rinks 1 and 2 and Beehive Hall (completed in 2016). Installation of BAS system, chiller and condenser in Rink 2 and Low Emissivity Ceiling. This project represents the Corporate Greenhouse Gas and Energy Conservation and Demand Management Plan. The annual total energy savings from this project will save \$27,000 per year and result in the reduction of 60 tonnes of CO2.	\$188,486.00	\$300,000.00	January 1, 2018	December 31, 2019	Ongoing
11419	City of Thunder Bay	Street Lighting Conversion to LED	This project involves the conversion of 730 street lights to LED. The energy use annually is 7,341,894 kilowatt hours.	\$63,392.79	\$500,000.00	March 1, 2018	September 30, 2022	Ongoing
11340	City of Brantford	Streetlight Upgrade and LED Conversion	Conversion of 3,000 units of 250 watt high pressure sodium streetlights to LED over a six year period. These represent approximately 30% of the City's inventory, but consume about 50% of the energy. The City anticipates conversion of 500 streetlights per year and an annual energy savings of \$50,000 and possible maintenance savings for longer life LED components.	\$0.00	\$330,000.00	December 15, 2018	December 31, 2024	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
11324	Township of Larder Lake	Emergency Services Building Energy Efficient Systems	Installation of thermal & moisture protection to exterior walls and high efficiency doors & windows for insulation and reduction in heating costs (electricity & propane usage); High efficiency tankless water heaters so water is heated only when necessary thus conserving energy; replacement of the old furnace with high efficiency propane forced air furnace for heating.	\$63,388.00	\$1,200,000.00	January 1, 2015	October 31, 2019	Yes
11277	Township of Cramahe	Keeler Centre LED Lighting Retrofit	The project scope is to replace 72 existing 400 watt metal halide high bay fixtures over the arena ice pad with energy-efficient LED lights.	\$31,500.00	\$65,510.00	May 1, 2018	October 1, 2018	Yes
11272	Municipality of Red Lake	Replacement of Hot Water Tank at Cochenour Arena - Changed to Natural Gas	The pre-existing hot water tank at Cochenour Arena was converted over to a natural gas system. This significantly reduces energy consumption and operating costs to heat the water for the Facility.	\$12,909.11	\$12,909.11	September 1, 2018	September 30, 2018	Yes
11234	City of Mississauga	Replacement and Rehabilitation of Streetlighting	The City is installing new LED light standards, rehabilitating hydro infrastructure, relocating light poles, and replacing post tops. Pole replacement is on Dundas St E from Franze Drive to Camilla Road. Post tops are being rebuilt on Orlando Drive and Viscount Road. Streetlighting is being rebuilt on the Creditwoodlands and Flannigan Crescent. Pedestrian crossing streetlights are being installed at 2014 Homelands Drive and numerous other locations.	\$831,444.06	\$963,789.82	January 2, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
11211	City of Mississauga	Lighting Renewal and Upgrades at Various Facilities	This project involves the replacement of lighting at the front exterior entrance of the Paramount Fine Foods Centre as well as lighting upgrades inside the facility. Lighting is also being upgraded at the Iceland and Meadowvale 4 Rinks arenas and the Living Arts Centre. These upgrades and retrofits reduce energy consumption and costs over the life time of the systems.	\$24,982.08	\$920,000.00	January 1, 2018	August 31, 2019	Ongoing
11187	Town of Ajax	Conversion to LED Streetlights	This project involves the conversion of 1,321 HPS streetlights to LED technology. The expected energy savings from the 2018 conversion is 927,904 kWh.	\$247,322.46	\$650,000.00	May 14, 2018	December 31, 2019	Ongoing
11162	Municipality of Red Lake	Conversion from Electric to Natural Gas Heating at Balmertown Reservoir Pumping Station	The Municipality's heat source at the Reservoir Pumping Station was Forced Air Electric. This is not energy efficient and also not the best way to heat this facility. The system was replaced with an energy efficient Natural Gas Boiler system. This is more energy efficient and also keeps the operating costs down for another one of our various plants.	\$32,484.34	\$32,484.34	September 3, 2018	December 14, 2018	Yes
11130	City of Oshawa	Walkway Tunnel Light Replacement	Replacement of existing walkway tunnel lighting that are past their useful life with energy efficient LED lighting. 41 new LED lights are installed in Oshawa Creek Trail and Harmony Creek Trail.	\$20,912.58	\$20,912.58	January 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
11129	City of Oshawa	Energy Efficient Equipment Upgrades in Community Centres	To complete HVAC efficiency upgrades at Civic Recreation Complex and install a new lighting control system (saving 2,138,900 kwh) and a tankless hot water unit (saving 15,512 kwh) at Northview Community Centre.	\$846,814.42	\$950,000.00	January 1, 2018	December 31, 2019	Ongoing
11080	Municipality of Clarington	Community Facilities Energy Systems Upgrade	Replaced heat pump compressors; replaced desiccant de-humidification wheel absorbent material; replaced LED messaging module in the sign; installed new infrared heaters to replace outdated DHW Fan Directed unit heaters; installed enhanced building system controls to optimize energy efficiency; modifications to existing pool de-humidification system; replaced fluorescent fixtures with LED; and replaced of two HVAC units. Estimated savings of these projects - 125,000 kWh, 18,000 gas cubic meters.	\$145,495.37	\$263,494.62	July 1, 2018	December 31, 2019	Ongoing
10892	City of Richmond Hill	Replacement of Mechanical Systems with Energy Efficient Equipment at two Fire Halls	Mechanical systems are nearing their end of life at two fire halls in Richmond Hill and this project will replace the aging equipment with energy efficient alternatives.	\$317,902.00	\$550,000.00	January 1, 2017	December 31, 2019	Ongoing
10891	City of Richmond Hill	Replacement of Heat Recovery Unit with Energy Efficient Equipment at Richvale Community Centre	The Heat Recovery Unit at Richvale Community Centre is nearing its end of life and this project replaces it with a more energy efficient alternative.	\$0.00	\$360,000.00	January 1, 2017	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
10858	City of Oshawa	LED Retrofit in Centre St and Mary St Parking Garages	To replace lighting fixtures at Centre Street Parking Garage with 218 new LED lights and to replace the existing high pressure sodium (HPS) lights and metal halide fixtures with 431 new LED lighting in Mary St. Parking Garage.	\$158,628.33	\$285,000.00	January 1, 2017	December 31, 2019	Ongoing
10747	Town of Ajax	Walkway Lighting Infrastructure Improvements	This project includes conversion of pathway lighting infrastructure to LED technologies and will also include pole replacements, new wiring, and new luminaires. The goal is to achieve improved lighting quality and consistency on Town pathways as well as energy savings.	\$97,072.76	\$185,600.00	April 3, 2017	December 31, 2019	Ongoing
10718	City of Sarnia	Streetlight Conversion to LED	Replacement of 904 high pressure sodium streetlights with LED streetlights in South of London Road, Coronation Park and Tree Street areas. The main objective of the project is to save on electricity and maintenance costs, as well as comply with the City's streetlight standards. This phase was completed in 2017. In 2018 567 additional LED Streetlights were replaced throughout the City.	\$303,372.67	\$1,000,000.00	January 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
10641	City of Brampton	Streetlighting LED Retrofit - Arterials	LED streetlighting technology has matured and standards have been set related to streetlight monitoring equipment. The City is retrofitting its aging infrastructure of High Pressure Sodium (HPS) street light luminaries with Light Emitting Diode (LED) units. This reduces the energy consumption associated with the streetlight system and reduces maintenance costs and greenhouse gas emissions.	\$1,007,889.30	\$3,300,000.00	January 1, 2017	December 31, 2018	Yes
10590	City of Pickering	LED Streetlight Conversion and Park Lighting	Conversion of 7,625 high pressure sodium and mercury vapour streetlight luminaires to energy efficient light-emitting diode (LED) luminaires, installation of six LED and solar powered lighting fixtures at Kinsmen Park and McPherson Park, and installation of 20 lighting fixtures at Kinsmen Park-South Baseball Diamond.	\$306,516.51	\$6,200,000.00	April 24, 2017	December 31, 2019	Ongoing
10587	Township of Nipigon	Nipigon Community Centre LED Light Conversion	The Nipigon Community Centre is replacing approximately 200+ fluorescent tube lights with LED fixtures. This is in an effort to reduce the hydro electricity consumption at the Nipigon Community Centre and provide a more natural lighting to the users of the facility.	\$15,000.00	\$60,000.00	November 7, 2017	August 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
10531	Township of South Frontenac	Installation of Energy-Efficient Equipment in Perth Road Firehall	Installation of energy efficient in-floor radiant heating, insulation, HVAC, lighting etc. in the Perth Rd Firehall. All exterior lighting is LED controlled by a time clock allowing only certain required fixtures to be on during the evening and overnight. All of the interior has occupancy sensors to control the LED lighting. Furnace/in floor heating boiler are high efficiency controlled by setback thermostats and outdoor temperature sensors. The garage doors are also more energy efficient.	\$250,000.00	\$1,996,569.00	January 1, 2017	December 31, 2018	Yes
10530	Township of South Frontenac	Energy Audits and Energy Retrofits in Township Facilities	We are converting existing old style inefficient lighting to LED in Township facilities with main focus on the public works garage at Keeley Road. Some of the new fixtures have built-in occupancy sensors and other areas are controlled by wall type occupancy sensors. Selection of the fixtures is based on Hydro One's retrofitting program.	\$18,036.33	\$107,500.00	January 1, 2017	December 31, 2020	Ongoing
10483	Town of Ajax	Variable Frequency Drive Upgrades at Ajax Community Center and McLean Community Center	Variable frequency drives (VFDs) are being installed to replace the existing variable inlet vanes (VIVs) on the supply and return fans for four air handling units. The installation of the VFDs allows the supply and return fans for each unit to operate based on the demand of the building, rather than continuously as they currently operate with the VIVs.	\$41,973.72	\$60,000.00	January 3, 2017	June 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
10482	Town of Ajax	LED Lighting Retrofits in Fire Station #2 and St. Francis Centre	Fire Station #2 - Full facility interior and exterior light fixture replacement with LED fixtures. St Francis Centre - Replacement of 12 existing scroller fixtures with LED lighting fixtures.	\$100,126.99	\$260,000.00	January 2, 2017	June 30, 2019	Ongoing
10480	Town of Ajax	Conversion to LED Streetlights	This project involves the conversion of 1,552 HPS streetlights to LED technology. The expected energy savings from the 2017 conversion is 1,195,215 kWh	\$11,947.77	\$562,782.02	April 3, 2017	December 31, 2018	Yes
10435	City of Oshawa	Delpark Homes Centre LED lighting upgrade	Remove existing metal halide fixtures and install new LED lighting in the pool area and the spine of the building.	\$76,211.56	\$198,288.94	January 1, 2017	December 31, 2018	Yes
10434	City of Oshawa	LED lighting retrofit multiple arenas and pools	Replacement of inefficient lighting with LED lights at multiple arena and pool areas to improve lighting and reduce costs for utility bills and maintenance.	\$41,981.15	\$189,223.99	January 1, 2017	December 31, 2018	Yes
10253	Municipality of Clarington	Community Facilities Energy Systems Replacements/Upgrades	Partial replacement of a heat pump compressor, modification to the existing pool dehumidification system (to improve air quality, save energy and reduce repairs/service), replacement of the makeup air units in the arena dressing room area and fitness change rooms, and installation of an on-demand hot water heater in Olympia room for ice resurfacers filling. Estimated energy savings are 18,000 cu. m of gas and 77,000 kWh.	\$194,597.50	\$280,073.88	February 6, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
10145	City of Richmond Hill	LEED Upgrades to new Civic Centre	This project involves LEED upgrades to Richmond Hill's new 242,154 sq ft Civic Centre.	\$472,810.00	\$765,542.00	January 1, 2016	December 31, 2022	Ongoing
10036	City of Richmond Hill	Multi- Facility Lighting Retrofit	The Multi Facility Lighting Retrofit Project converts conventional lighting equipment to energy efficient lighting equipment at 12 municipal facilities in Richmond Hill, resulting in lower energy usage.	\$778,365.00	\$2,243,234.00	January 1, 2016	December 31, 2019	Ongoing
10026	City of Richmond Hill	Streetlight Conversion to LED	The conversion of 11,700 of Richmond Hill's streetlights to LED technology will save money and lead to reduced energy usage and greenhouse gas emissions.	\$0.00	\$12,000,000.00	January 1, 2016	December 31, 2018	Yes
10009	City of Barrie	Replacement of Air Handling Unit in Transit Terminal	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.	\$0.00	\$145,382.40	January 1, 2016	December 31, 2018	Yes
9911	City of Mississauga	Upgrade of Block Heater Controls at Meadowvale Depot Main Building	Energy Management-Parking Lot Block Heater Controls at Meadowvale Depot Main Building. Total of 130 receptacles were upgraded to Smart Technology.	\$32,577.41	\$35,183.60	January 1, 2017	February 28, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
9909	City of Mississauga	Replacement of Pathway Lighting with LED	Life cycle replacement of critical pathway lighting at various parks and Community Centres (Bell Harbour Park, Swinbourne Meadows, Windwood Park, Meadowvale Four Rinks) with LED technology as per the Citywide Energy Audit Projects Implementation. Approximately 500 lights are being replaced.	\$1,258,560.00	\$2,714,000.00	January 1, 2017	December 31, 2019	Ongoing
9795	City of Vaughan	Streetlight Conversion to LED	Replacement of 20,800 residential high pressure sodium (HPS) street lights with LED lighting.	\$0.00	\$3,150,000.00	January 1, 2016	December 31, 2022	Ongoing
9753	City of Vaughan	Energy Conservation Improvements	This project is to pursue energy saving initiatives and systems at various City of Vaughan Buildings, especially with respect to Lighting and Electrical systems, air conditioning systems, and also to implement improvements and upgrades to the building automation systems and review of mechanical systems.	\$147,735.17	\$750,000.00	January 1, 2015	December 31, 2019	Ongoing
9633	City of Welland	Replacement of Furnace, Hot Water Tank and Sump Pump in Plymouth Park	Replacement of the furnace with a high efficiency unit, replacement of the hot water tank and back up sump pump.	\$8,293.03	\$23,891.00	May 9, 2016	July 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
9606	City of Hamilton	Conversion of Citywide Streetlights to LED	Citywide replacement of approximately 28,000 low-wattage street lights (70W, 100W, 150W & 200W) with LED. The existing HPS street lights are quickly nearing end-of-life and this project offsets increasing operating costs and reduced service levels while decreasing electricity consumption by approximately 50%.	\$1,800,000.00	\$9,200,000.00	January 1, 2016	December 31, 2020	Ongoing
9561	Town of Ajax	Energy Efficient Refrigeration System for Ajax Community Centre Ice Pads 1 & 2	Ice Pads 1 & 2 at the Ajax Community Centre are cooled by two independent systems within the same refrigeration plant. The system has been in operation since 1990 and is high in energy consumption. The intent of this project is to complete the design/build of an energy efficient system with equipment and automated controls that will achieve a reduction in energy consumption.	\$22,352.25	\$791,219.88	November 15, 2016	August 31, 2018	Yes
9185	City of Cambridge	Replacement of Boiler Units in Alan Reuter Centre	This project replaces the existing boiler units with 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.	\$20,467.15	\$494,317.00	January 1, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
9180	City of Richmond Hill	Energy Efficiency Retrofits in Various Municipal Buildings	The 2015 Building Energy Improvements Program converts conventional equipment, such as lighting, heat pumps and air handling units, to energy efficient equipment at ten municipal facilities in Richmond Hill, including the Operations Centre, central Library, six fire halls and two community centres and pools.	\$18,940.00	\$1,825,000.00	January 1, 2015	December 31, 2019	Ongoing
8887	City of St. Catharines	LED Streetlight Conversion	This project is for the replacement of approximately 14,070 street light fixtures and upgrade of wiring harnesses. Existing high pressure sodium luminaires are being replaced with LED (light emitting diode) luminaires on both municipal and regional roadways.	\$833,048.46	\$6,149,049.00	July 2, 2015	November 30, 2020	Ongoing
8792	City of Niagara Falls	City Hall Window Replacement	Replace 40 year old windows in City Hall with energy efficient windows, install superior insulation and replace exterior cladding to reduce energy consumption.	\$0.00	\$791,819.00	January 2, 2017	December 31, 2018	Yes
8773	City of Mississauga	Citywide LED Retrofit of Streetlights	A citywide project to replace all current city street lighting infrastructure with LED technology. Approximately 49,000 lights are being replaced.	\$0.00	\$31,000,000.00	January 1, 2015	December 31, 2019	Ongoing
8656	Town of Ajax	LED lighting upgrades/retrofits – various locations	Design and installation of new LED lights involving street lights on Mills Road from Station Street to Hunt Street, Main Branch library lighting, and parking lot lights at McLean Community Centre.	\$135,000.00	\$1,591,625.00	September 1, 2016	June 30, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
8575	City of Cambridge	Queens Square Building Energy Upgrades	Replacement of a 10 ton electric heating and cooling HVAC unit which serviced two floors, with one 5 ton and one 6 ton units with gas heating and electric cooling to service each floor separately. Replacement of the SCU control unit with the latest hardware (PXC) and installation of a graphics package to allow for web based access of the new control unit.	\$5,418.72	\$157,455.41	February 2, 2015	December 31, 2019	Ongoing
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%.	\$60,095.48	\$1,020,972.23	May 26, 2014	December 31, 2026	Yes
8205	City 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.	\$525,645.00	\$1,435,000.00	January 1, 2014	December 31, 2019	Ongoing
8191	City 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.	\$12,580.00	\$1,701,125.00	January 1, 2014	December 31, 2018	Yes
8190	City of Richmond Hill	Central Library HVAC Upgrade	The conversion of a conventional chiller plant and boiler at the Central Library to energy efficient equipment will result in lower energy usage and lower greenhouse gas emissions.	\$20,169.00	\$1,362,747.00	January 1, 2014	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
8189	City of Richmond Hill	Upgrade to Energy Efficient HVAC Equipment	This program to convert conventional HVAC equipment with energy efficient equipment at Richmond Hill's municipal facilities will result in lower energy usage and lower greenhouse gas emissions. The project resulted in improvements to Richmond Hill's municipal offices, two arenas, and three community centres.	\$0.00	\$870,255.00	January 1, 2014	December 31, 2018	Yes
8127	City of Vaughan	Walkway Lighting Replacement	Many of the first generation poles that were installed in the parks are corroded at the bases and are not structurally or electrically sound. Corrosion has occurred due to metal breakdown and as a result of winter de-icing methods. This project is to replace the walkway lighting using concrete poles and LED lighting which will reduce energy consumption by 40%.	\$0.00	\$392,200.00	December 31, 2014	December 31, 2018	Yes
7818	City of Pickering	Libraries Energy Retrofits & Efficiency Program (Petticoat Creek Library)	Electrical consulting services for the Petticoat Creek Library (renamed George Ash Library) lighting review and design were procured in 2014. Upgrades began in late 2018 to correct existing lighting problems. The new lighting system consists of indirect lighting using linear fixtures with LED lamps in book shelves and reading areas. In the administration area, existing pot lights have been retrofitted with LED lamps and pendant light fixtures have been replaced with track light fixtures.	\$5,596.80	\$85,000.00	September 1, 2014	June 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
7763	City of Vaughan	Replacement of Chancellor Park Lighting	Replace walkway lighting at Chancellor Park with concrete poles and LED lighting which will reduce energy consumption by 40%. The lighting poles that were installed in Chancellor Park have corroded at the base and are not structurally or electrically sound. Corrosion has occurred due to metal breakdown and as a result of winter de-icing methods.	\$0.00	\$52,000.00	December 31, 2014	December 31, 2019	Ongoing
7749	Municipality of Leamington	LED Streetlight Conversion	The conversion to LED bulbs in our street lights allows for a longer useful life and large savings in energy consumption. LED lights contain no toxic chemicals and are 100% recyclable, allowing us to reduce our carbon footprint. LED lights brighten up immediately and when powered on, which has great advantages for infrastructure projects such as streetlights.	\$0.00	\$1,300,000.00	April 1, 2015	December 31, 2019	Ongoing
7744	Municipality of Leamington	Traffic Signal Upgrades (LED Conversion)	The conversion to LED bulbs in our traffic signals allows for a longer useful life and large savings in energy consumption. LED lights contain no toxic chemicals and are 100% recyclable allowing us to reduce our carbon footprint. LED lights brighten up immediately and when powered on, which has great advantages for infrastructure projects such as traffic and signal lights. In total, ten (10) traffic signals are being upgraded to LED bulbs.	\$0.00	\$100,000.00	March 2, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
7433	City of Brantford	Ashgrove Streetlight Conversion	To resolve extensive infrastructure failures in the Ashgrove Area of the City, this L.E.D. upgrade project will implement a multi-year replacement program to replace 100w streetlight fixtures and poles with LED fixtures on new poles and to replace the entire underground infrastructure (ducts, cables, junction boxes, grounds, pedestal power supply, pole breakers, etc. A total of 282 fixtures and poles will be converted to L.E.D.	\$0.00	\$1,174,000.00	January 1, 2014	December 31, 2019	Ongoing
7185	City of Brockville	Replacement/Refurbishment of City Hall (Victoria Hall) windows	Victoria Hall which houses the City Hall is a designated Heritage building and the recommendation to restore the windows came from an energy audit, to provide energy efficiencies and save money on heating and cooling of the building. A Consultant has been retained to ensure that the window retrofits are in accordance with the requirements of the Ontario Heritage Trust.	\$100,000.00	\$356,262.77	June 3, 2013	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
7162	City of Waterloo	Various Energy Management Upgrades	Implementation of numerous energy and water savings retrofits at City owned facilities, such as, replacement of various mechanical systems (roof top units, ventilation, chiller replacement), LED lighting retrofits, lighting occupancy sensors, plumbing fixture replacements, thermal ice storage unit, and building automation systems upgrades. These retrofits will assist the City in meeting its corporate Greenhouse Gas (GHG) emissions reduction target of 6% below the 2011 baseline by 2021.	\$0.00	\$4,117,899.78	January 1, 2013	December 31, 2019	Ongoing
7153	City of Waterloo	Canadian Clay & Glass Museum HVAC Upgrades	Replacement of main gallery HVAC systems with new eco-friendly and energy efficient systems to increase energy efficiency and reduce GHG emissions. Replacement of the failed dehumidification unit with a suitable alternative which is able to supply the main gallery, admin. offices & archive rooms with conditions in line with the Museum's category A designation (National Gallery Status). All engineering/design, infrastructure and control modifications are required to support the above.	\$0.00	\$1,631,201.57	January 1, 2013	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
7110	City of London	Facility Energy Management at City Hall & Canada Games Aquatic Centre	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 energy consumption.	\$0.00	\$200,000.00	March 4, 2013	March 30, 2018	Yes
7095	Town of Oakville	Streetlights Rehabilitation & LED Conversion	Installation of new lighting in unlit/in-filling areas and replacement/repair of streetlight system deficiencies identified by needs assessment. The goal is to replace high intensity discharge streetlighting fixtures, i.e., high pressure sodium lights, and other high energy consumption fixtures with LED high energy efficiency technology over a number of years. Approximately 500 lights are being converted to LED.	\$0.00	\$320,000.00	July 31, 2013	December 31, 2019	Ongoing
6966	City of Vaughan	Installation of Energy-Efficient Lighting & Heating Systems at the Civic Centre Resource Library	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.	\$2,698.86	\$15,177,972.00	April 1, 2013	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
6941	City of Markham	Lighting and Energy Retrofits	Projects include: Street lighting retrofit - street light LED conversion to save energy Community centre lighting retrofit - LED conversion in community centres to save energy HVAC optimization - run cooling compressors more efficiently to save energy Exit sign upgrades - changed incandescent exit lights to either glow in the dark or LED exit lights to reduce energy use.	\$0.00	\$863,372.00	October 15, 2012	June 30, 2018	Yes
6200	City of Vaughan	Installation of Energy-Efficient Components Meeting LEED Standards in New Civic Centre	The new Civic Centre will be constructed to a minimum of LEEDS silver standards. GT Funds used for the energy efficient components of the new build such as, HVAC improvements, green roof, lighting.	\$40,533.91	\$140,695,377.50	March 1, 2012	December 31, 2019	Ongoing
6147	City of St. Catharines	Installation of Energy-Efficient Components Meeting LEED Standards in New Performing Arts Centre	Energy efficient components of the new Performing Arts Centre construction to meet LEED standards	\$0.00	\$60,757,101.00	June 2, 2011	June 30, 2018	Yes
5701	Village of Hilton Beach	LED Conversion of Streetlights	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. Wiring and poles to be replaced as necessary.	\$9,236.78	\$109,275.00	October 4, 2011	June 30, 2020	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
5440	City of Brampton	Energy Efficiency Retrofits at Various Community Facilities	Project work includes, but 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.	\$0.00	\$2,662,700.00	January 1, 2011	December 31, 2018	Yes
5428	City of Brampton	Energy Saving & Retrofit Program	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.	\$192,300.01	\$2,255,000.00	September 15, 2011	December 31, 2019	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
2121	Town of Ajax	Energy Efficient Systems for LEED Certification of Ajax Operations & Environmental Services Facility	This facility has been designed as a Canada Green Council LEED certified building. LEED credits include - green roof, solar power, solar thermal, geothermal heating and cooling, underground cisterns, as well as high efficiency lighting and control systems. This facility is projected to use 50% of the energy a conventional building of this type and size would normally use.	\$668,799.53	\$19,624,915.04	January 5, 2008	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Community Energy</b>								
467	Town of Ajax	Energy Efficient Systems for LEED Certification of Ajax Fire and Emergency Services HQ	This facility has been designed as a Canada Green Council LEED certified building. LEED initiatives at this facility include - green roof, connection of underground cisterns, ground source heat pump, underfloor ventilation, and high efficiency lighting & control system. This facility is projected to use 50% of the energy when compared to a conventional building of this type and size.	\$0.00	\$13,820,000.00	November 10, 2006	June 28, 2019	Ongoing
119	City of London	Facility Energy Management in various City Locations	Reduce energy consumption at various recreation facilities by replacing existing fixtures with new energy efficient LED fixtures saving approximately 1,000-3,000 kWh at each facility. Also replace existing metal halide fixtures and interior fluorescent fixtures with new energy efficient fixtures at the AJ Tyler operations garage bay and main building saving 21,000 kWh.	\$404,185.87	\$4,036,516.00	November 16, 2005	March 31, 2021	Ongoing

**Total Federal Funds Used: \$16,267,012.89**  
**Total Project Costs: \$389,616,606.44**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Culture</b>								
11592	City of Waterloo	Waterloo Public Library Main Branch Mechanical Upgrades	The existing 1965 and 1988 Mechanical Systems at the Waterloo Public Library (WPL) Main Branch are in need of replacement to maintain an acceptable interior environment within the building.	\$229,239.00	\$2,116,560.00	January 1, 2018	December 31, 2019	Ongoing
11525	City of Guelph	Renewal and Upgrades to Culture Facilities	This project involves upgrading and renewing lighting and sound equipment in the River Run Centre and upgrading elevators, washrooms and the kitchen in the Main Library Branch.	\$118,922.80	\$400,000.00	January 1, 2018	December 31, 2020	Ongoing
11483	City of Cambridge	Heritage Building Restorations - Young Chapel	Restoration of windows at the Young Chapel heritage building. This is a critical project to maintain the integrity of the building. Windows have buckling, cracked glazing and evidence of moisture penetration. The impact of not completing this project would be more deterioration of the building, increased maintenance costs and safety issues if the windows start to fall (e.g., from broken glass).	\$38,940.00	\$250,000.00	December 1, 2018	December 31, 2019	Ongoing
11393	City of Brampton	Renovation of Lester B. Pearson Theatre	The City of Brampton is investing in various renovations at the Lester B. Pearson Theatre. Renovations involve accessibility enhancements, health and safety upgrades, technical equipment upgrades and a redesigned lobby area. These upgrades are in conformity with the Brampton 2040 vision and cultural master plan.	\$291,606.15	\$2,592,000.00	January 1, 2018	December 31, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Culture</b>								
11225	City of Mississauga	Cultural Heritage Replacements	Replacement of floors and washrooms at Bradley Museum and improvement of facade at Small Arms Inspection Building (SAIB) to come into compliance with the Ontario Heritage Act. Work also involves improvements in the Living Arts Centre, particularly door replacements at the loading dock, door replacements to satisfy accessibility requirements as well as flooring and soundproofing to ensure that the facility remains in good condition.	\$23,109.70	\$179,000.00	January 2, 2018	September 30, 2019	Ongoing
10993	Town of St. Marys	Town Hall Window Refurbishment/Replacement	St. Marys Town Hall was built in 1891 and is the centre piece of the heritage buildings that makes the town unique and a tourism draw. The windows which are either original or previously refurbished to original, are in need of refurbishment or replacement. The heritage look will be retained while also improving on the energy efficiency of the building.	\$177,000.00	\$497,517.00	May 31, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Culture</b>								
10524	City of Windsor	Capital Improvements to the Art Gallery of Windsor	The building housing the Art Gallery of Windsor is 18 years old and in need of rehabilitation. Moisture and humidity control is an essential element for this type of facility due to the sensitive nature of the collections and the following items need to be rehabilitated/replaced: Replacement of roof to prevent leakage resulting in damage to the collections; Repair/replace sections of the wall curtain (windows) affected by leaks/condensation; Replace all water sensors; and back-up generator.	\$0.00	\$1,320,000.00	March 5, 2018	December 31, 2019	Ongoing
9904	City of Mississauga	Mechanical & Structural Replacements at the Living Arts Centre, Clarke Memorial Hall, etc.	The Culture Facilities Restoration program maintains the integrity of the heritage features for mechanical and structural components. It involves replacing the diesel fire pump at Living Arts Centre, Elevator and Roof Replacement at Clarke Memorial Hall. In addition, enhancement to the Civic Centre Lighting meets expectations of community group events such as LED multi color lighting and/or installation of an image projection system.	\$907,222.80	\$3,020,075.00	January 1, 2017	December 31, 2019	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.	\$74,108.07	\$215,000.00	April 1, 2016	April 1, 2020	Yes
9639	City of Markham	Benjamin Thorne Monument at Thornhill Community Centre	This project is for the installation of a Benjamin Thorne Monument at the Thornhill Community Centre entrance.	\$0.00	\$490,000.00	September 15, 2015	June 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Culture</b>								
9635	City of Welland	Welland Museum new HVAC Rooftop Units	Installation of new HVAC system to allow the museum staff to maintain proper temperatures and humidity levels throughout the museum. This is critical to maintain the Museum's Standard in order to present/receive exhibitions for display purposes.	\$0.00	\$100,000.00	May 30, 2016	July 31, 2018	Yes
9559	Town of Smooth Rock Falls	Reg Lamy Cultural Centre Upgrades	The back end building structure of the Reg Lamy Cultural Centre on 195 Fifth Street needs upgrading. This section of the arena houses all the mechanical equipment and a garage where the Zamboni is stored. After evaluation of the structure by JL Richards to ensure it is structurally sound and up to building code, engineering and construction will follow.	\$101,810.57	\$1,352,522.69	June 1, 2016	October 15, 2019	Ongoing
9174	City of Richmond Hill	Oak Ridges Library Expansion	Construction of the new 19,000 sq. ft. Oak Ridges Library to bring expanded library services to the residents in the north end of Richmond Hill.	\$0.00	\$11,203,000.00	January 1, 2015	December 31, 2019	Ongoing
8678	City of Welland	Welland Market Square Building Improvements	The Centre Square area concrete is being replaced as it posed a safety hazard to the general public. In addition, to improve energy efficiency, the Welland heritage market building flat roof is being replaced.	\$46,576.57	\$164,141.00	May 30, 2016	December 28, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Culture</b>								
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 requires significant capital upgrades involving roofing, an AODA washroom, dressing room upgrades, loading dock renovations, and LED lighting upgrades in public and production areas.	\$165,772.00	\$4,382,716.32	May 15, 2015	December 31, 2018	Yes

**Total Federal Funds Used: \$2,174,307.66**  
**Total Project Costs: \$28,282,532.01**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Disaster Management</b>								
11507	City of Vaughan	Woodbridge Highlands Open Space - Erosion Stabilization	Erosion stabilization works at the Woodbridge Highlands open space near Longview Crescent; including erosion mitigation, slope stabilization including earthworks and restoration planting.	\$40,711.87	\$50,040.00	June 7, 2017	June 30, 2021	Ongoing
11501	City of Vaughan	Slope Stabilization Cherry Hills Road Open Space	Erosion mitigation, slope stabilization and construction of modular block retaining wall along Cherry Hill Road.	\$22,768.01	\$75,000.00	July 2, 2018	December 31, 2021	Ongoing
11373	Town of Oakville	Shoreline Restoration-Shelburne Promenade at Sheldon Creek	This section of shoreline suffered extensive damage during the high lake levels in 2017. The scope of work to address erosion concerns involves the reconstruction of shoreline protection along 180 m of shoreline and widening the mouth of Sheldon Creek to reduce the frequency of maintenance required. Also included are habitat enhancement features.	\$100,000.00	\$2,361,000.00	September 1, 2017	December 31, 2019	Ongoing
10866	City of Sault Ste. Marie	Seawall Reconstruction at 711 Bay Street	Replaced an aged sheet pile seawall with a sloped rock revetment. Over time, the steel sheet pile wall had failed in several places with sink holes showing up behind the wall along the waterfront. Replacement with a naturalized rock revetment has significantly reduced the risk of wall failure, sink holes and shoreline erosion.	\$51,341.69	\$881,400.00	July 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Disaster Management</b>								
10774	City of Vaughan	McMillan Nature Reserve Restoration and Stream Habitat Restoration	A tributary of East Don River flows through MacMillan Farm property in the MacMillan Nature Reserve. The collapse of a concrete dam caused significant flow restrictions & bank erosion affecting the adjacent mature vegetation pathways & park property. The City is working with Nature Conservancy of Canada & Toronto and Region Conservation Authority to restore the stream habitat. The old dam has been removed and culverts are being removed or improved to allow fish & other species to move freely.	\$0.00	\$70,000.00	January 1, 2017	December 31, 2019	Ongoing
10763	Town of Grimsby	Shoreline Protection on 10th/11th/12th Streets	The objective of the project is to control erosion of the Lake Ontario shoreline. The Town's Lake Ontario shoreline bluffs are eroding due to wave action and high water levels. The shoreline protection helps prevent the loss of municipal infrastructure (road, water and sanitary) servicing the developed land above the lake front. A revetment using armour stone is being constructed at the site.	\$211,782.45	\$330,000.00	January 1, 2018	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Disaster Management</b>								
9640	Town of Oakville	Rehabilitation of Morrison Creek East (Reaches 39 to 45)	In accordance with the 2015 Creek Erosion Inventory and Assessment study as well as follow up inspections, reaches 39-45 remain to be high priority reaches of concern requiring rehabilitation. Phasing involves design and permitting. Construction includes erosion mitigation treatments (including toe of slope stabilization with armour stone), creek realignment using various natural treatments, and storm sewer outlet repairs.	\$0.00	\$3,112,000.00	January 1, 2016	December 31, 2022	Ongoing
9607	City of Hamilton	West Harbour & Waterfront Shoreline Reconstruction & Rehabilitation in the Marina's Main Basin	The project includes design and construction for the required rehabilitation and replacement of the main basin's shoreline between Pier 4 and Pier 7; rehabilitation is being coordinated with the new Pier 5-7 Boardwalk, Pier 6 Gas Dock rehab, Pier 6 Artisan Village, Pier 7 Commercial Village and the required municipal servicing for each pier to support new users.	\$1,093,187.46	\$16,823,000.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Disaster Management</b>								
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 2015 Creek Erosion Inventory and Assessment. Phasing includes design, permitting and construction. Construction includes channel realignment using various natural treatments, as well as stabilization of the toe of slope using large boulders. The rehabilitation work also includes ecological enhancements including a bat house and the creation of wetland pockets.	\$73,989.00	\$876,000.00	January 1, 2015	December 31, 2019	Ongoing

**Total Federal Funds Used: \$1,593,780.48**

**Total Project Costs: \$24,578,440.00**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
11889	Town of Blind River	Well Pump House Improvements	This project consists of the removal of the existing brick facades and concrete roofs, as well as the installation of roof framing, roofing, insulation and siding on 3 well pump houses, along with new doors.	\$33,394.42	\$155,000.00	October 25, 2018	February 28, 2019	Ongoing
11799	Township of Hornepayne	Installation of a Radio Communication System for the Raw Water Pumping Station	The purchase and installation of this system eliminates the possibility of malfunction of the leased line modem connection. This malfunction recently occurred and required operators to monitor the Water Treatment Plant 24/7 for 2 weeks until repairs could be made and also required the manual making of water. This was very time consuming and created many inefficiencies.	\$0.00	\$10,000.00	January 1, 2018	December 31, 2020	Ongoing
11789	Township of Hornepayne	Update to Mapping of Water Distribution System	System Engineering Survey - Updating as Built Maps/Drawings for the infrastructure in water distribution system. This would allow for operators, engineers and project managers to better understand the system (how it actually works) rather than relying solely on the memory of an operator with many years of service.	\$0.00	\$20,000.00	January 1, 2018	December 31, 2020	Ongoing
11788	Township of Hornepayne	Replacement of Curb Stops in the Water Distribution System	A large number of curb stops are non-functional and are being replaced. Non-functional curb stops become an issue when services need to be connected or disconnected. This project is for the replacement of 20 curb stops.	\$0.00	\$37,875.00	January 1, 2018	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
11783	Township of Ignace	Upgrades to the Water Treatment Plant	Installation of new low and high lift motor, distribution turbidity analyzer and benchtop turbidimeter, and chemical storage and metering system at the Water Treatment Plant.	\$36,292.98	\$88,314.81	January 2, 2018	December 31, 2018	Yes
11782	Township of Ignace	Upgrade of the Supervisory Control and Data Acquisition System at the Water Treatment Plant	This project is for upgrades to the Supervisory Control and Data Acquisition (SCADA) system at the water treatment plant. SCADA is used for water security in the management for process and monitoring automation and is used to leverage infrastructure and available resources.	\$85,707.02	\$95,173.87	November 2, 2017	December 31, 2018	Yes
11733	Township of Hornepayne	Water Tower Rehabilitation	Rehabilitation involves removal and replacement of existing interior and exterior lining systems, installation of safety or rescue equipment in compliance with current code requirements, repair of damaged electrical conduits and the elbow junction box, repair of corrosion and damage on the roof of the Tower, replacement of the existing three booster pumps and associated valves and fitting, old electrical systems, control panels and heat trace lines, and investigation and repair of floor drain.	\$0.00	\$1,624,375.00	January 1, 2018	December 31, 2020	Ongoing
11717	Region of Halton	Watermain Replacement on Mississauga St between Rebecca and Lakeshore	Replacement of deteriorating ductile iron watermain with 300 mm diameter PVC pipes spanning a length of 0.9 km to improve service reliability. These mains directly service approximately 66 residential customers.	\$1,571,000.00	\$2,870,000.00	January 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
11716	Region of Halton	Watermain Replacement on Longmoor Dr from North of the Hydro Corridor to Appleby Line	Watermain replacement due to breaks in Cast Iron and Asbestos-Cement Watermains aged 44-51 years.	\$777,000.00	\$2,292,251.00	January 1, 2018	December 31, 2020	Ongoing
11714	Region of Halton	Watermain Replacement on Sinclair Cl, Alconbury Cr, and Previn Cr	Replacement of various aging and deteriorating cast iron, ductile iron and asbestos cement watermains with new 150, 200 and 300 mm PVC mains running a total of 4.2 km to improve service reliability. The mains service 490 residential customers and have collectively experienced 42 watermain breaks.	\$1,132,927.00	\$4,701,000.00	January 1, 2018	December 31, 2020	Ongoing
11658	Town of Espanola	Reconstruction of Highway 6 and Watermain Replacement	The project involves the replacement of watermain and wastewater services in the Reconstruction of Highway 6 Connecting Link. The existing watermain is 250 mm cast iron and recommended for replacement. 733.14 m of watermain and 151.20 m of service connections is being installed.	\$246,500.00	\$2,324,450.00	June 11, 2018	July 30, 2019	Ongoing
11643	The District Municipality of Muskoka	Gravenhurst Water Treatment Plant Filter Under Drains & Sedimentation	Addition of new sedimentation process. Renewal/upgrade of coagulation and flocculation process and renewal of filter underdrains. Included in this project is electrical and instrumentation controls for existing and proposed work.	\$782,463.63	\$6,500,000.00	April 1, 2017	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
11640	The District Municipality of Muskoka	MacTier Water Treatment Plant Modifications	Update water treatment plant systems to ensure that the plant continues to effectively produce potable water at current rated capacity. These upgrades include the incorporation of a new chlorine contact chamber, replacement of aging mechanical equipment and instrumentation devices and refurbishment of coatings.	\$100,409.08	\$900,000.00	April 12, 2018	December 31, 2020	Ongoing
11372	City of St. Catharines	Replacement of Cast Iron Watermain on Burleigh Hill Dr	Replacement of existing cast iron watermains on Burleigh Hill Dr from Glendale Avenue to Warkdale Avenue in conjunction with sewer improvements and road reconstruction.	\$371,323.06	\$3,604,831.00	May 2, 2018	November 27, 2020	Ongoing
11371	City of St. Catharines	Replacement of Cast Iron Watermain on Smythe Street	Replacement of existing cast iron watermain on Smythe Street from Oakdale Avenue to Haight Street.	\$2,365.92	\$185,000.00	December 3, 2018	September 24, 2020	Ongoing
11370	City of St. Catharines	Replacement of Cast Iron Watermain on Rendale Avenue	The replacement of existing cast iron watermains on Rendale Avenue from Dorchester Blvd to Cushman Road.	\$4,680.96	\$775,000.00	December 3, 2018	June 30, 2020	Ongoing
11369	City of St. Catharines	Replacement of Cast Iron Watermain on Champa Drive	Replacement of existing cast iron watermains on Champa Dr between Scott Street and Agar Drive.	\$3,714.24	\$465,000.00	December 3, 2018	June 30, 2020	Ongoing
11354	City of Welland	Cast Iron Watermain Replacements	Replacement of 150 mm cast iron watermains due to aging poor condition in the areas of Dieppe Street (382 m), Roosevelt Ave (316 m) and Gatfield Ave (376 m). These projects have been prioritized based on infrastructure data on breaks, age, documented issues, and water quality.	\$250,322.00	\$1,968,822.00	July 30, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
11314	Town of Gore Bay	Reconstruction of New Street	This project is for the restoration of approximately 330 m of New Street, between Main Street and Hall Street, involving replacement of granulars, asphalt, watermain, sections of sanitary sewer, and storm sewer upgrades. Also included is the replacement of approximately 100 m of watermain on Hall Street and approximately 100 m of storm sewers on Main Street.	\$7,091.00	\$1,145,863.96	March 26, 2018	December 2, 2019	Ongoing
11275	Municipality of Marmora and Lake	Replacement of the Marmora Village Standpipe Water Tower	The Marmora standpipe is in very poor condition with a failing roof that creates the potential for water supply contamination through leakage or complete collapse. This project will replace the existing 26m tall standpipe with a 35m standpipe which includes an active tank mixing system. To accommodate the increased tank height new water pumps will be installed. The 200mm watermain on Hayes St. from William St. to new tower will be replaced with 250mm watermain to improve fireflows in the area.	\$8,192.54	\$2,323,475.00	April 16, 2018	February 14, 2020	Ongoing
11252	City of London	Redevelopment of Dundas St from Ridout St to Richmond St	Replacement of 820 m section of watermain on Dundas Street from Ridout to Richmond Street in conjunction with replacing sewers and road reconstruction of Dundas Street.	\$999,950.75	\$2,427,981.00	March 6, 2018	August 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
11191	Municipality of Meaford	Watermain replacement on Grandview Drive / Ford Ave	Watermain replacement on Grandview Drive / Ford Ave. Funds were utilized for the preliminary design of the aging and undersized water infrastructure to be replaced, alongside road, wastewater, stormwater, and sidewalk infrastructure. Preliminary design included topographical survey, development of construction drawings etc.	\$0.00	\$1,844,000.00	August 15, 2009	December 31, 2019	Ongoing
11186	Township of Red Rock	Installation of Remote Monitoring System	This project involves the installation of a remote monitoring system which is critical to the treatment process. It is responsible for notifying operators of crucial alarms affecting the operation of the plant, chlorine residuals, turbidity levels, power outages, chemical dosing etc. Without this system the safety and security of water quality would be in jeopardy.	\$2,560.00	\$2,560.00	December 1, 2018	December 21, 2018	Yes
11169	City of Stratford	Watermain Replacement on St. Vincent Street - Phase 1	Full road reconstruction to replace 440 m of failing cast iron watermain, complete spot repairs on storm and sanitary sewers, resurface the road, create a left turn lane at the intersection of St. Vincent Street with Lorne Avenue, and install 150 m of new sidewalk.	\$390,000.00	\$857,368.00	July 23, 2018	December 31, 2019	Ongoing
11166	Township of Red Rock	Replacement of Actuator for Water Purification Process	This project involves the replacement and installation of a pneumatic actuator for a valve on the backwash process which is necessary in the water purification process.	\$2,304.86	\$2,304.86	October 31, 2018	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
11152	Town of Cobalt	Installation of Watermain in Prospect Avenue	There was a watermain break in the roadway connecting the main to a property on Prospect Avenue in the early winter of 2018. Once installed, the pavement was restored and the sidewalk and curb reconstructed. Total Distance: 7m x 7m	\$3,268.53	\$3,268.53	May 1, 2018	December 28, 2018	Yes
11090	Township of Schreiber	Design & Construction of Elevated Drinking Water Storage Tank	The project includes a feasibility study; detailed design for the site preparation and construction of an elevated drinking water storage tank. The tank is a glass-fused-to-steel tank which can hold 3000 cubic metres of treated drinking water, which is, approximately a 2 day supply to the township. Also included is the design and construction of the access road and associated piping to the tank. This project was mandated by the Ministry of the Environment.	\$71,728.00	\$4,300,109.00	June 1, 2016	December 31, 2019	Ongoing
11044	Town of Saugeen Shores	Southampton Water Supply Line Replacement between Island St to Peel and to Adelaide	Replacement of the aging Southampton Water Tower Supply Line. The existing watermain, involving services to the property line are being replaced with new pipes, and hydrants. The existing trail will be restored to a 3.0 m width once the watermain has been replaced.	\$12,686.65	\$425,000.00	July 3, 2018	December 31, 2019	Ongoing
11000	Township of Red Rock	Replacement of integral equipment in Water Treatment Plant	This project involves the replacement of integral equipment for the operation of the Water Treatment Plant, such as, the Grinder Pump, Vacuum Switches and Raw Water Check Valve, which is critical to continue to provide safe drinking water to the community.	\$6,543.47	\$6,543.47	June 4, 2018	September 15, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
10982	Town of Whitchurch-Stouffville	Smart Water Meter Replacement Project	This project replaces all water meters within the Town of Whitchurch-Stouffville with Smart water meters that encourage water conservation and improve the service to residents through real time monitoring. The Town is able to alert residents to unusual water consumption to improve customer service. The Town also significantly improved system management and planning through much improved data gathering and modelling.	\$49,620.91	\$4,469,314.00	June 1, 2017	November 30, 2020	Ongoing
10875	Township of Woolwich	Reconstruction of Union, College & Bauman Streets	Replace / extend watermain, sanitary and storm sewer, cellar drain and road structure with a total length of 354 m in conjunction with the reconstruction of Union Street, College Street and Bauman Street in Elmira.	\$0.00	\$4,737,056.00	February 6, 2017	December 30, 2022	Ongoing
10845	Region of Niagara	Water Treatment Plant Upgrades - Port Colborne	Upgrades to the Port Colborne water treatment plant involve improvements to the electrical, flocculation, settling and filter processes. Work also involves upgrades for the meeting room, blower and piping, sludge pumps, highlift pumps and many upgrades and replacements to motor control centres, instrumentation and controls. No new water pipes are being replaced as they are all upgrades.	\$285,396.89	\$8,600,000.00	January 1, 2018	December 31, 2023	Ongoing
10732	Norfolk County	Well Rehabilitation Program - Simcoe	Infrastructure maintenance to ensure adequate supply of water. Wells and related equipment must be refurbished at regular intervals in order to return the wells to their design production values.	\$172,589.08	\$191,652.58	September 5, 2017	October 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
10729	Haldimand County	Port Maitland Low Lift Facility Capital Repairs	Capital Replacement and completely restore the Port Maitland Low Lift Facility. Replace existing generator that has reached the end of its service life. A new generator will provide a more reliable stand-by power source.	\$53,903.16	\$2,319,630.00	April 30, 2018	December 31, 2019	Ongoing
10728	Haldimand County	Elevated Water Storage Tank Replacement on Kinross St	Design and construct new elevated water tanks that increase pressure and meet fire flow regulatory requirements on Kinross Street in Caledonia.	\$0.00	\$5,373,200.00	July 31, 2018	December 31, 2021	Ongoing
10620	Region of Halton	Princess Anne Well Replacement (Georgetown)	This project involves modifications to integrate the new standby well into the existing treatment system. The project includes a new pump house building, pumping equipment, raw watermain, chlorination and chemical system upgrades.	\$2,114,349.00	\$5,710,000.00	January 1, 2017	December 31, 2020	Ongoing
10580	Town of Gore Bay	Eleanor Street Reconstruction Project	Replacement of 150 m of watermain on Eleanor Street from Phipps Street to Laird Street, along with reconstruction of the street.	\$25,190.42	\$295,897.71	June 27, 2017	July 20, 2018	Yes
10374	City of London	Downtown Watermain Replacement	To replace deficient (undersized) watermains and services in the Downtown area. Replacement of approx. 390m of 1900 vintage cast iron watermain with new PVC watermain on York Street	\$1,508,964.96	\$4,863,000.00	January 2, 2017	May 31, 2019	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
10192	Town of Saugeen Shores	Replacement of Watermain in Lambert Lane - Adelaide to Peel	Removal of the aging watermain and services and replacing with a new upgraded version 215m of 150 mm diameter to meet the additional requirements in the area. The project also included a topographical survey, installation of storm sewer, placement of new curbs and a new asphalt surface.	\$22,500.00	\$206,280.57	September 4, 2017	October 31, 2018	Yes
10153	Town of Moosonee	Water & Sewer Reconstruction	The area infrastructure was installed by the military in the early 1960s making the sewer and water mains over 50 years old and resulting in a deteriorated system. This project replaces aging infrastructure to improve water pressure and fire protection in the area. The sewer system needs attention to eliminate extraneous flow into the collection system. The project also addresses drainage concerns that were affecting road conditions as well as lot grading.	\$0.00	\$2,467,525.00	May 12, 2016	December 31, 2018	Yes
10093	City of London	Cleaning & Structural Lining of Watermain in Orchard Park and Oakridge Acres	Cleaning and structural lining of approximately 7,300 m of 150 mm and 200 mm cast iron watermain serving approximately 495 residential properties.	\$233,368.00	\$5,578,200.00	April 1, 2016	July 13, 2018	Yes
9993	Town of Renfrew	Plaunt St. Rehabilitation from Railway Ave. to its Northern Terminus (Phase 2)	Rehabilitation of water, sanitary, storm and roadway infrastructure on Plaunt St. from Railway Ave. to its northern terminus.	\$284,860.00	\$3,469,200.00	July 4, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
9950	City of London	Watermain Replacement on Fanshawe Park Rd - Adelaide St to Highbury Ave	As part of the road widening of Fanshawe Park Road, a new 400 mm watermain is required to replace the existing system which has surpassed its useful life and is undersized for the current flow requirements.	\$0.00	\$1,842,000.00	April 4, 2016	July 13, 2018	Yes
9920	Haldimand County	Watermain Replacement & Rehabilitation of Sanitary Sewer on Alder St - Cedar to West	Replacement of the cast iron watermain and replacement/rehabilitation of the sanitary sewer (approximately 1,070 m). This work is part of the complete reconstruction of Alder Street.	\$762,669.85	\$1,644,200.00	May 31, 2017	December 31, 2020	Ongoing
9917	Haldimand County	Efficiency Upgrades at the Dunnville Water Treatment Plant	Filter Efficiency Improvement. Installation of new underdrain system. Installation of air scour piping. SCADA programming. Filters 3, 4 and 5 already upgraded. Improves cleaning and reduces the number of required backwashes, which in turn uses less water and sends less water into the WWTP. Also provides for longer filter runtimes and aids in ensuring compliance.	\$84,390.82	\$408,000.00	May 31, 2017	November 30, 2019	Ongoing
9852	Region of Halton	Watermain Replacement & PRV Chamber Modification on Wicklow and South Service Rds	Replacement of deteriorating 400 mm diameter steel and cast iron watermains with 300 mm diameter PVC watermains at different locations for a length of 2.2 km to improve service reliability. The mains directly service 23 ICI customer meters.	\$20,032.00	\$5,220,000.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
9851	Region of Halton	Watermain Upgrade on Trafalgar Road (Leighland to Upper Middle Road)	Replacement of aging ductile iron pipes with 300 mm diameter PVC watermain running 1.6 km in length to improve service reliability. This main provides critical network looping to service ICI and residential customers, including Sheridan College Campus.	\$12,383.00	\$2,503,000.00	January 1, 2013	December 31, 2022	Ongoing
9756	Town of Parry Sound	Reconstruction of Waubeek Street from Belvedere Ave to Prospect St	This project replaces 0.5 km of watermain, sanitary sewer and storm sewer to reduce service breaks and storm water run off. The same length of road, curb, gutter and sidewalk is being reconstructed completely.	\$487,102.04	\$7,224,960.00	June 1, 2017	December 31, 2019	Ongoing
9416	Village of South River	Replacement of Water Treatment Plant Equipment	Removal and replacement of obsolete chlorine analyzer, two obsolete turbidity analyzers, soda ash pilot project to address coloured water and H&S issues for operator, valve and actuator replacement, hot water on demand unit, backwash pump rebuild, high lift pump breaker, pressure switches and replacement of de-sludge actuator. Also included is fire pump and motor replacement, SCADA computer system, low lift pump, and chemical drum pump.	\$74,196.38	\$262,145.03	March 1, 2016	December 31, 2018	Yes
9248	Town of Rainy River	Fourth Street Revitalization	Replacement of water distribution lines, wastewater lines, and sanitary sewer lines along the three block length of Fourth Street.	\$53,637.01	\$4,524,736.00	May 19, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
9101	Region of Halton	Watermain Upgrade on Guelph St from Norval SP to Adamson	Replacement of deteriorating 200 mm diameter ductile iron water main with 300 mm diameter PVC pipe running 1.5 km to improve service reliability. The main directly services 30 ICI and residential customers and is operationally critical as the single-feed to service the Hamlet of Norval.	\$0.00	\$4,264,000.00	January 1, 2016	December 31, 2019	Ongoing
9100	Region of Halton	Watermain Upgrade on New & James (Guelph-Elizabeth)	Replacement of deteriorating cast iron and asbestos cement pipes with 300 mm diameter PVC water mains spanning 2.7 km to improve service reliability. The mains service 213 residential and ICI customers as well as one high-rise building.	\$0.00	\$4,584,000.00	January 1, 2016	December 31, 2019	Ongoing
9057	Haldimand County	Rehabilitation of standpipe & Installation of standpipe mixing system	Rehabilitation of deteriorated metal, Painting inside and outside of standpipe, Installation of standpipe mixing system to prevent freezing of water which causes damage to interior surfaces.	\$916,336.97	\$1,044,500.00	May 31, 2016	December 31, 2019	Ongoing
9039	Haldimand County	Dunnville Water Meter Replacement	Water meter replacement program. The System contains approximately 2,300 Schlumberger / Neptune meters with an approximate age of 14 years (originally installed in 1998). The recommended / typical replacement age is between 15 and 18 years depending on water quality. As meters age they lose accuracy, resulting in unaccounted water losses and reduced revenue for the County.	\$12,019.08	\$768,000.00	April 1, 2015	June 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
9036	Haldimand County	Caledonia Water Meter Replacement	Water meter replacement program. The System contains approximately 3,500 Schlumberger / Neptune meters with an approximate age of 16 years (originally installed in 1996). The recommended / typical replacement age is between 15 and 18 years depending on water quality. As meters age they lose accuracy, resulting in unaccounted water losses and reduced revenue for the County.	\$189,113.93	\$1,125,000.00	April 1, 2015	June 30, 2019	Ongoing
8886	City of St. Catharines	McGuire Street Watermain Replacement	Replacement of 80 m of cast iron watermain in conjunction with road reconstruction of McGuire Street and Race Street.	\$0.00	\$2,012,988.00	May 1, 2015	July 13, 2026	Yes
8832	City of Thunder Bay	Watermain Replacement on Cumberland Street	Replacement of a 820m section of watermain on Cumberland Street from Stephen St to MacDougall St, together with the resurfacing of roadways affected by the scope of underground work.	\$0.00	\$128,452.00	March 2, 2015	May 15, 2019	Yes
8674	City of Welland	Niagara Street Watermain Replacement	Replacement of watermain crossing the Welland River on Niagara St in order to facilitate minimum fire flows as well as the replacement of old cast iron mains due to pipe burst problems in the area. Work is conducted in conjunction with sewer separation work at locations where underground storm/sanitary construction occurs. Approximately 1,160 m of cast iron watermain is being replaced with 150 mm diameter PVC.	\$0.00	\$853,212.66	May 2, 2016	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
8629	Township of Chapleau	Reconstruction of Elm St and Queen St	The project consists of replacing all linear infrastructure along Elm Street from Dufferin to King Street and along Queen Street from Elm Street northerly 110m. The project also includes the extension of an existing watermain along Queen Street from 90m south of Elm Street to Elm Street. The watermain extension creates a loop in the system to eliminate a problematic dead end main that has chronic water quality problems.	\$134,793.24	\$2,161,489.98	January 1, 2015	February 16, 2026	Yes
8507	Township of Johnson	Water treatment Plant upgrades	Upgrades to the Township of Johnson Water Treatment Plant for the drinking water for the Hamlet of Desbarats.	\$0.00	\$40,000.00	October 30, 2017	March 31, 2019	Ongoing
8217	City of Brockville	Water Distribution Upgrades	The upgrade to the main water lines at various locations throughout the City by 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 these areas. The new piping has an average length of approx. 100m.	\$0.00	\$303,155.73	January 1, 2015	December 31, 2019	Ongoing
8082	Region of Halton	Watermain Upgrade on Brant from Faversham to Amherst Height	Replacement of ductile and cast iron watermains that are 41 to 62 years old and are experiencing high frequency breaks. Project includes relocation of watermain from easement to public right of way.	\$0.00	\$4,002,000.00	January 1, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
8080	Region of Halton	Watermain Upgrade on Palmer Dr from Centennial Dr to Headon Rd	Replacement of deteriorating cast iron pipes with 300 mm diameter PVC water main running 600 m in length to improve service reliability. The main services 57 residential customers.	\$0.00	\$1,180,000.00	January 1, 2015	December 31, 2018	Yes
8078	Region of Halton	Watermain Upgrade on Bohemia Ave and Maple Ave	Replacement of deteriorating cast and ductile iron watermains with 150 and 200 mm diameter PVC mains running 1.0 km in length to improve service reliability. The mains service 124 residential customers.	\$0.00	\$2,241,000.00	January 1, 2015	December 31, 2019	Ongoing
8066	Township of Woolwich	Reconstruction of Snyder Avenue North	Full reconstruction of Snyder Avenue North between Church Street West and Riverside Drive West which includes the replacement of the existing underground infrastructure consisting of a 150 mm diameter cast iron watermain, clay cellar drain and sanitary sewer. The new infrastructure consists of a 200 mm diameter PVC watermain, an extended and separated PVC cellar drain system, an appropriately sized PVC sanitary sewer and upgrades to the storm sewer system.	\$0.00	\$1,956,814.12	April 7, 2015	December 31, 2021	Ongoing
7586	City of Brockville	Water Meter Replacements (2014)	To replace all water meters in the City of Brockville to radio transmitter technology so that the meters may be read by drive-by/walk-by technology thus saving money and staff time.	\$0.00	\$1,340,000.00	January 1, 2011	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
7581	Region of Halton	Replacement of Watermain on Bronte & Main Streets	Replacement of deteriorating 200 mm diameter cast and ductile iron mains with a 300 mm diameter PVC pipe running a length of 2.3 km to improve service reliability. The main services 15 industrial/commercial/institutional customers.	\$0.00	\$1,674,000.00	January 1, 2014	December 31, 2019	Ongoing
7577	Region of Halton	Rehabilitation of 500 mm Watermain - Rebecca St Bridge	Rehabilitation of a deteriorating 500 mm diameter asbestos cement watermain running the length of 100 m across the Sixteen Mile Creek bridge. The main directly services three industrial/commercial/institutional customers and is operationally critical as one of two transmission mains that crosses Sixteen Mile Creek to service south-east Oakville.	\$31,250.00	\$3,779,274.00	January 1, 2014	December 31, 2019	Ongoing
7575	Region of Halton	Watermain Upgrades on Lewis St, Metcalfe Ct, Danridge Cresc., & Eden Place	Replacement of deteriorating 150 mm cast iron pipes with new 200 mm diameter PVC watermains running 1.2 km in length to improve service reliability. These mains directly service 96 residential customers.	\$0.00	\$2,227,454.00	January 1, 2014	December 31, 2019	Ongoing
7574	Region of Halton	Watermain Upgrade on New St (Appleby to Hampton Heath)	Replacement of the deteriorating cast iron pipe with 300 mm diameter PVC mains running 1.3 km in length to improve service reliability. This watermain services 33 residential customers, a school, and a commercial plaza.	\$0.00	\$2,585,000.00	January 1, 2014	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
7038	City of St. Catharines	Replacement of Residential Water Meters	The City is rolling out new, automated water meter readers across St. Catharines. All residential water meters are being replaced. The new readers transmit water usage information directly to the City - simplifying the billing process and helping residents spot problems with their water consumption.	\$1,000,000.00	\$11,970,724.46	July 1, 2013	June 30, 2020	Ongoing
6207	Township of Woolwich	Reconstruction of Green Warbler Cres between Whippoorwill Dr and Grey Owl Dr	Replacement of the ductile iron water distribution system with 150 mm PVC water main pipe for a total length of 344 meters. 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.	\$0.00	\$1,213,020.81	October 11, 2012	December 31, 2019	Ongoing
6131	Region of Halton	Skyway - Establishment of a New Water Laboratory	A new water laboratory is required due to the current facility's age, the inadequacy of the existing physical space for equipment, staff and climate control, and challenges and risks associated with health and safety.	\$0.00	\$3,700,000.00	January 1, 2012	December 31, 2019	Ongoing
5308	Region of Halton	Watermain Upgrade on New St. From Appleby to Cumberland	Replacement of a deteriorating cast iron watermain with new 300 mm diameter PVC main running 3.1 km in length to improve service reliability. The main is integral to network connectivity and directly services over 80 residential, commercial and industrial customers.	\$0.00	\$5,371,000.00	January 1, 2011	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
5305	Region of Halton	Watermain Upgrade on Speers from Bronte Rd to Procor	Replacement of a deteriorating cast iron watermain with new 300 mm diameter PVC main running 1.5 km in length to improve service reliability. The main directly services 36 commercial and industrial customers.	\$0.00	\$1,789,000.00	January 1, 2011	December 31, 2020	Ongoing
5304	Region of Halton	Washburn Booster Station Rehabilitation	Replacement of existing pump station to resolve issues with mechanical, electrical and piping systems. The existing facility was in need of significant refurbishment. As the Washburn station is critical to the supply of water for the City of Burlington, it was determined that the only way to maintain operation of the facility during construction was to build a brand new station adjacent to the existing station.	\$0.00	\$24,607,910.00	January 1, 2011	December 31, 2019	Ongoing
5303	Region of Halton	Oakville Water Purification Plant Upgrades Phase 2	Upgrades involve the rehabilitation of concrete and installation of new underdrains, new piping in the pipe gallery, new valves, magnetic flowmeters, limit switches, and a new roof.	\$0.00	\$29,696,139.00	January 1, 2011	December 31, 2018	Yes
5285	Norfolk County	Construction of a New Well Field	Construction of a new well field on the northeast side of Simcoe. Well water is to be pumped to the existing water treatment plant on Fourteenth Street in Simcoe.	\$0.00	\$5,200,000.00	October 1, 2010	July 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
5257	City of Markham	Reconstruction - Mainstreet Markham	Road reconstruction/resurfacing of Main Street from Hwy 7 to 16th Avenue, about 1.8kM in length. This project focuses on the reconstruction of Main Street Markham which includes the replacement of watermain, storm and sanitary sewers. The improvement also benefits the quality of storm water entering the creeks / streams due to the installation of Oil grit separators.	\$5,993.66	\$5,410,000.00	June 1, 2011	September 30, 2019	Ongoing
5250	Township of Woolwich	Reconstruction of Woolwich St South between Woolwich St North & Dolman St	This project includes the installation of new water mains, 23 metres of 150 mm PVC pipe and 520 metres of 300 mm PVC pipe, and 609 metres 100 mm diameter new sanitary mains required for adjacent developments. The project also include sidewalk repairs and sidewalk extension as well as replacement of curbing approximately 2,315 square metres.	\$2,917.10	\$4,242,199.34	July 4, 2011	November 16, 2018	Yes
1086	Municipality of Machin	New Vermilion Bay Water Plant	Gas Tax funds are used for a new water plant, water storage, treatment equipment, fire pumps and back up generator.	\$59,561.29	\$8,896,226.58	April 1, 2005	December 31, 2028	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Drinking Water</b>								
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)055002	\$0.00	\$2,337,974.75	July 1, 2005	December 31, 2018	Yes
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.	\$20,531.38	\$497,000.00	April 1, 2005	December 31, 2020	Yes

**Total Federal Funds Used: \$15,520,096.28**

**Total Project Costs: \$257,067,098.82**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
12063	City of Thunder Bay	Renewal of Woodcrest Rd Bridge	Renewal of Woodcrest Road Bridge. Design work done in 2016 with rehabilitation to be carried out in 2021.	\$0.00	\$94,528.00	March 1, 2016	September 30, 2023	Ongoing
12037	Township of Fauquier-Strickland	Rehabilitation of Myllymaa Road	Rehabilitation was required due to washout of gravel road.	\$0.00	\$5,000.00	July 1, 2016	August 30, 2019	Ongoing
11997	Municipality of East Ferris	Asphalt resurfacing of various sections of roads in East Ferris	Asphalt resurfacing of various sections of roads in East Ferris. The overall goal is to improve the rideability for drivers. Approx. 0.25 lane km in 8 locations will be resurfaced: Centennial Drive near entrance off of Highway 17; Meadow Drive; Waukegan Road; Groulx Road; Village Road; South Shore Road; and Catherine Drive.	\$88,531.20	\$88,531.20	June 4, 2018	June 30, 2018	Yes
11996	Municipality of East Ferris	Resurfacing of Lake Nosbonsing Road	Resurfacing of various sections of Lake Nosbonsing Road. The work will improve the rideability of the road. Work included the grinding of the existing asphalt and resurfacing with asphalt superpave 12.5mm for an overall distance of 6.5km.	\$51,760.00	\$101,760.00	August 1, 2018	August 31, 2018	Yes
11995	Municipality of East Ferris	MacPherson Drive Surface Treatment	The project involves 9,000 m of ditching, pulverization of the entire surface, and addition of 100 mm of Granular 'A', a layer of reinforcing membrane, and surface treatment.	\$90,667.66	\$741,880.05	May 1, 2018	August 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11993	Municipality of East Ferris	Reconstruction of Mirimishi Road	Mirimishi Road is a Class 4 road and is surface treated and this project is for the full reconstruction of 200 m of road and a single layer of surface treatment on 1,200 m (1,400 m in total). The work involves pulverization of the old road surface, the addition of a granular lift, re-shaping of the crown and resurfacing of road with surface treatment.	\$74,987.29	\$75,000.00	July 2, 2018	July 31, 2018	Yes
11990	Town of Cobourg	Traffic Signal Cabinet Replacement	Replacement of one aging traffic signal control cabinet in William and Harden.	\$22,511.58	\$22,511.58	October 1, 2018	December 31, 2018	Yes
11989	Town of Cobourg	Widening and Reconstruction of Albert Street	Widening and reconstruction of 610 m of Albert St from Third St west towards Ontario St. Albert St is a major cross-town roadway which provides an alternate route to King St, the main street in Cobourg. This is critical as portions of King St are closed often for events when the traffic volume shifts to the Albert St corridor. The current condition of asphalt is poor and in need of replacement. This project also includes the replacement of water, sanitary and storm sewers.	\$23,745.00	\$500,000.00	October 1, 2018	December 31, 2020	Ongoing
11988	Town of Cobourg	James St E Reconstruction	Full reconstruction of James St E from Division St to College St – 260 m in length. This project involved the complete reconstruction of this portion of the street including replacement of water and sanitary sewer lines, sidewalks, hydro lines, and reconstruction of the street itself.	\$479,504.73	\$895,000.00	June 1, 2017	June 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11977	Township of Matachewan	Resurfacing of Multiple Streets	Paving final portions of Roche St, Helen Avenue, L'African Avenue, Matheson Street and Front Street. Some ditching will be done along Roche Street. A total of 1.5 lane km will be paved.	\$30,000.00	\$334,211.06	February 1, 2018	October 31, 2018	Yes
11975	Township of Moonbeam	Granular Resurfacing and Drainage Improvements on Multiple Roads	Construction work consists of spreading Granular A on concession roads, Tower Road, Rivard Road, and Chain of Lakes Road. The work includes digging ditches and installing culverts which will extend the useful life of the roads and also avoid complete reconstruction. 16 LKms of roads will be resurfaced.	\$71,421.26	\$71,421.26	October 1, 2018	December 31, 2018	Yes
11937	Township of Fauquier-Strickland	Rehabilitation of Etienne and Felix Roads due to Cave-Ins	The municipality experienced two road collapses in 2018. Culverts are being rehabilitated and gravel added to bring 4 lane-km of roads back to standard.	\$32,165.96	\$32,165.96	August 1, 2018	September 27, 2018	Yes
11914	Township of Guelph/Eramosa	Bedford Road Reconstruction	Full urban reconstruction of an existing semi-urban road, involving the extension of municipal water. The road reconstruction improves the vertical alignment of the road. The addition of curbs and storm sewers vastly improves drainage on the road and addresses some problem areas. The reconstruction enables the watermain extension to proceed, providing overall water distribution system looping for increased redundancy and existing fire protection, as well as municipal water to road residents.	\$0.00	\$1,271,000.00	September 3, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11904	Township of Manitouwadge	Construction of an Aggregate Sand Storage Shelter	A shelter was required to protect unsalted sand for winter use from the elements.	\$56,998.90	\$56,998.90	August 7, 2018	December 31, 2018	Yes
11903	Township of Manitouwadge	Paving Warbler Dr, Mona Dr and Lynx Ave	Approximately 2.43 lane-km of roadways that were beyond their expected life, in poor condition, or otherwise in need of rehabilitation following other infrastructure work were resurfaced.	\$279,491.00	\$279,491.00	September 4, 2018	December 31, 2018	Yes
11902	Township of South Stormont	Sunset Drive, Moulinette Island Upgrade	Reconstruction of a 735 m portion of Sunset Drive, Moulinette Island, including installation of new storm sewers, new watermain, new asphalt, and driveway reinstatement. Health and safety issues to be addressed include a road upgrade from gravel to asphalt and widened shoulder for a safer travelling surface for cyclists and pedestrian traffic.	\$401,863.50	\$901,029.78	May 13, 2018	October 2, 2018	Yes
11895	Town of Tillsonburg	Concession Street E Reconstruction (Maple to Demeyere)	Project involves the complete reconstruction of the pavement structure including new barrier curb and gutter with parking stalls, sidewalks, and storm drainage improvements. This increases the safety of motorists and pedestrians who live in the area or utilize the baseball recreational facility. The introduction of sidewalks provides safe pedestrian access to the baseball recreational facility from the nearby elementary schools and the high density apartment complex.	\$23,816.59	\$948,501.00	April 2, 2018	May 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11888	Township of Oro-Medonte	Rehabilitation of Multiple Streets	Surface rehabilitation of 10.3 lane-km of Bass Lake Sideroad and Line 8. Rehabilitation involves pulverization of the existing surface, addition of granular material and repaving.	\$639,503.00	\$869,064.00	June 1, 2018	August 31, 2018	Yes
11887	Township of Perth South	Resurfacing Line 29 Between Road 140 and Perth Road 130	The addition of a second coat of surface asphalt on Line 29 between Road 140 and Perth Road 130 to extend the life of road and provide a smooth travel surface.	\$127,900.40	\$271,102.00	January 1, 2018	December 31, 2018	Yes
11873	Township of Augusta	Rehabilitation of Bisseltown Road from Knapp Drive to CR15	Pulverize existing pavement, replace culverts with larger ones, improve base and repave with two lifts of hot mix pavement.	\$236,652.60	\$488,893.75	September 1, 2018	December 31, 2018	Yes
11872	City of Oshawa	Design & Replacement of Culvert on Mayfair Avenue	This project is for the design and structure replacement of a culvert located on Mayfair Avenue.	\$11,442.93	\$62,000.00	January 1, 2018	December 31, 2020	Ongoing
11866	Municipality of Mattawan	Improve drainage and ditching	Ditching on Argo Run to improve drainage; Ditching and repair shoulder on hill of Burke Drive; Ditching on Moosehead Road to improve drainage and insert culverts to mitigate water pooling; Ditch and improve curve on Flamingo; Addition of gravel and final grading on Beaudry/Murphys Road. 2.5 lane km of road will be improved by this project.	\$20,422.05	\$22,047.00	October 25, 2018	November 9, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11864	Township of Adelaide Metcalfe	Scotchmere Drive Hard Surfacing	Scotchmere Drive from Thames Road to Melbourne Road was rebuilt to widen and straighten the road and to improve drainage. Cold in place asphalt completed the project. This section of road provides a connection between two County roads.	\$370,453.00	\$1,353,099.25	June 1, 2016	December 10, 2018	Yes
11862	Township of McGarry	Connell Avenue Resurfacing	The scope of the project was to resurface various sections of Connell Avenue that were affected as a result of upgrades to the wastewater system.	\$7,730.00	\$8,583.67	June 1, 2018	June 30, 2018	Yes
11860	Municipality of Arran-Elderslie	Resurfacing Concession 10 East Arran	This project is for the resurfacing of Concession 10 East Arran from the Patterson Bridge to Sideroad 15 Arran. The treatment was a micro-seal applied to a LCB road. Life expectancy of seven (7) years on this rehabilitation project.	\$110,783.90	\$110,783.90	August 16, 2018	August 17, 2018	Yes
11852	Municipality of Arran-Elderslie	Resurfacing Concession 8 West Arran and Sideroad 15 North Arran	Project saw application of Single Surface Treatment (LCB) on 5,700 m of rural roadway. This resurfacing took place on Concession 8 West Arran and Sideroad 15 North Arran from the B-Line to Concession 12 West Arran. LCB has a estimated useful life of five (5) years.	\$103,989.33	\$103,989.33	June 20, 2018	June 21, 2018	Yes
11851	Township of Selwyn	Road Resurfacing at 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 bed. 36.64 lane km of roads is being resurfaced.	\$241,197.11	\$556,689.15	April 2, 2018	October 26, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11850	Township of Selwyn	Reconstruction of Charlotte Street from Reid to Burnham	Complete road reconstruction including road base, curb and gutter, as well as storm water improvements, urban road improvements and asphalt resurfacing.	\$108,452.23	\$212,739.78	January 1, 2018	October 26, 2018	Yes
11849	Township of Selwyn	Asphalt Paving - Pinehill Road including Pinevalley, Mapleview and West Communication Roads	Top up gravel shoulders of all road sections in preparation for asphalt. The project area received a contracted topcoat layer of asphalt for 2.33 kilometres to improve traffic movement and rideability.	\$186,911.85	\$188,183.63	April 2, 2018	October 26, 2018	Yes
11847	Township of Val Rita-Harty	Rehabilitation of Avery Road & Concession Road 18	Rehabilitation of Avery Road (4 lane km) & Concession Road 18 (1 lane km) to ensure the drainage of rain water in order to preserve and extend the useful life expectancy of the road infrastructure while ensuring safe passage of vehicles and buses.	\$52,044.46	\$78,350.00	July 3, 2018	September 30, 2018	Yes
11841	Municipality of Grey Highlands	Reconstruction and Resurfacing of Road 63	Road 63 from the 10th concession to Grey Rd. 4 showed many signs of defects including wheel rutting, pot holes and shoulder cracking. Due to the condition of the road any type of maintenance overlay would not be effective in extending the useful life of this section of the road. A 2" gravel lift was added and the road was resurfaced with HL-4 asphalt to avoid the brittleness issues that the previous surface of HL-2 had.	\$346,853.00	\$419,074.94	April 30, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11840	Town of Renfrew	Reconstruction of Highway 60	The reconstruction of Highway 60 from the Bonnechere River bridge, along Bridge St. and Raglan St. S. to the intersection with Veterans Memorial Blvd. The road section is approximately 1.4 km in length. The infrastructure to be rehabilitated includes: roadway, water mains, sanitary sewers, storm sewers, curbs, sidewalks, traffic signals and pedestrian signals.	\$270,800.00	\$8,683,770.00	April 2, 2018	December 31, 2018	Yes
11839	Town of Blind River	Resurfacing Local Roads	Road resurfacing includes improvements to the road structure including pulverizing or milling of the existing road surface, placement of new road surface and improvement to drainage. Roads included in this year's project were Birchwood Circle (approx 570 m), Cedar Lane (approx 115 m), Hemlock Dr (approx 110 m), Juniper Ct (approx 120 m), Leisure Bay Rd (approx 2,200 m), Smith Rd (approx 350 m), Trunk Rd (approx 155 m), McIver Dr (approx 250 m), and Eastman Rd (approx 535 m).	\$215,802.00	\$250,000.00	June 1, 2018	October 31, 2018	Yes
11837	County of Renfrew	Rehabilitation and Resurfacing of County Roads 51, 52, 63 and 64	This project involves the timely rehabilitation and resurfacing of CR#51 (2.19 km), CR#52 (3.07 km), CR#63 (10.55 km) and CR#64 (11.07 km) to restore roadways with poor surface condition ratings, renew drainage works, and enhance active transportation opportunities.	\$2,763,061.59	\$3,878,505.64	January 1, 2018	December 17, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11836	Municipality of Whitestone	Bunny Trail Slurry Seal	The project involves slurry sealing 6 km of Bunny Trail, effectively extending the life of the road surface by an estimated five years, delaying a full reconstruction and reducing winter requirements for sand and salt.	\$58,478.00	\$151,317.00	April 30, 2018	October 31, 2018	Yes
11835	County of Haliburton	County Road 2 - Double Surface Treatment	Double surface treatment on County Road 2 from County Road 35 to Devil's lake Road.	\$42,294.36	\$452,235.11	August 1, 2018	October 12, 2018	Yes
11834	County of Haliburton	County Road 648 - Resurfacing	Resurfacing of County Road 648 per need documented in Asset Management Plan between Highway 118 and County Road 5.	\$500,000.00	\$675,799.42	August 1, 2018	October 12, 2018	Yes
11831	Township of Muskoka Lakes	Rehabilitation of Carlingford Rd and Hekkla Rd	Carlingford Road (3.5 km) will be treated with high float asphalt surface treatment which has a single heavily applied layer of special high float emulsified asphalt followed by a single layer of well-graded crushed cover aggregate. The high float treatment has the same service life & function as a double-layer Asphalt Surface Treatment (AST). Hekkla Road (2.6 km) will have a layer of gravel laid on and graded to smooth out the surface and shoulders and improve road safety.	\$213,624.36	\$222,285.44	May 22, 2018	December 31, 2019	Ongoing
11829	Municipality of Brighton	Reconstruction of Whites Road	Whites Road is a rural road with a steep hill and is being upgraded to asphalt pavement. 2.40 lane-km are being reconstructed.	\$240,000.00	\$352,013.00	September 5, 2018	October 19, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11828	Town of Erin	Sidewalk Replacement on Multiple Streets	Sidewalk replacement throughout urban areas in Hillsburgh and Erin. Existing sidewalks exhibited deficiencies that required removal of the existing sidewalk and replacement of 770 sq m of concrete sidewalk.	\$60,000.00	\$144,091.61	May 1, 2018	December 21, 2018	Yes
11827	Town of Erin	Rehabilitation of Multiple Bridges and Culverts	Major rehabilitation of concrete deck top, floor beams, and abutment of 3 bridges (1.5km South of 15th Sideroad, 6.1km North of Sideroad 32, and 2.1km North of Sideroad 27). Additionally, concrete rehabilitation of 1 box culvert (0.1km East of First Line). All rehabilitation work performed to address performance deficiencies identified by structural engineers.	\$170,700.00	\$318,440.81	August 20, 2018	December 31, 2018	Yes
11826	Town of Erin	Replacement of Culvert on 4th Line	The replacement of culvert 2045 on 4th Line that was deteriorating and exhibiting performance deficiencies with a new culvert 10 m x 7 m. This culvert serves an average annual daily traffic count of 125 vehicles.	\$236,192.00	\$744,602.10	April 2, 2018	December 18, 2018	Yes
11824	Village of Point Edward	Rehabilitation of Helena St and Victoria St	Damaged sections of curbs and gutters on Helena St (from Louisa St to St Clair St) and Victoria St (from Louisa St to Front St) were removed and replaced and the asphalt surface was milled and repaved. There was also work done on the storm water collection system such as catch basin and culvert replacement.	\$64,784.84	\$121,180.57	April 1, 2018	October 1, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11817	Municipality of Strathroy-Caradoc	Rehabilitation of Various Sidewalks	Almost 1.4 km of sidewalks are being rehabilitated and replaced as recommended in the municipality's Asset Management Plan. Tactile strips are also being added for AODA compliance.	\$70,000.00	\$140,000.00	July 16, 2018	December 31, 2018	Yes
11814	Township of Clearview	Construction/Rehabilitation of Sidewalks	Gas Tax funds will be used to construct 641 m <sup>2</sup> of sidewalks. 32 m <sup>2</sup> on Hwy 26 making it safer for students to walk to school. 319 m <sup>2</sup> on Weir street from Louisa to Scott to replace older and skinnier sidewalk to encourage more people to walk on the sidewalk instead of the roadway. 27 m <sup>2</sup> on Batteaux Road to meet up with the street corner. 263 m <sup>2</sup> to connect two parts of Elm street and allow easier access to the schools without having to walk along the highway.	\$6,439.88	\$120,000.00	April 2, 2018	December 31, 2019	Ongoing
11809	Town of Kapuskasing	Sidewalk Reconstruction on Brunetville Road	The sidewalk project is for a complete reconstruction of part of a sidewalk on Brunetville Road. The new sidewalk section is 192 m long by 1.5m wide. The new sidewalk is located between Wolfe street and Hudson Place.	\$74,113.34	\$76,390.00	August 15, 2018	December 31, 2018	Yes
11808	Township of Madoc	Queensborough Road Rehabilitation	Rehabilitation of 6.1 km of Queensborough Road with culvert replacement, ditching, replacement of safety guard rails, removal of trees and brush for clearer sight lines to make this roadway safer for travelling public.	\$58,049.13	\$2,100,000.00	March 19, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11805	Town of Kapuskasing	Asphalt Resurfacing of Marquette St and Flower Drive	The project involved asphalt pulverizing; repairs to catch basin, manholes and water valving to prevent infiltration; establishing a swale on both sides of the street for proper drainage; vertical profile change for visibility and new asphalt on Marquette St. Flower Drive needed asphalt removal at intersections; replacement of driveway culverts; new ditches excavated in order to redirect flow; crossfall changes and granular installation; replacement of one center line culvert.	\$162,394.51	\$235,000.00	August 15, 2018	November 30, 2018	Yes
11781	Town of Whitchurch-Stouffville	Reconstruction of North Street	Reconstruction of North Street segment connecting with Stouffer Street: from Tenth Line to 175 m. west of Tenth Line. This project is associated with the Montreal and Stouffer streets reconstruction. This is a full reconstruction with rehabilitation of underground infrastructure.	\$304,028.44	\$750,000.00	November 1, 2017	December 31, 2019	Ongoing
11780	Town of Whitchurch-Stouffville	Road Reconstruction: Montreal St. and Stouffer St	Road reconstruction: Montreal Street--from North Street to Main Street, 575 m. and Stouffer Street--from North Street to Millard Street, 340 m. Stouffer St. intersects North St. just west of Tenth Line. There is a separate project for North Street from Tenth Line to just west of the Stouffer intersection. The scope of work is full reconstruction with rehabilitation or replacement of underground infrastructure.	\$998,185.48	\$3,600,000.00	November 1, 2017	December 31, 2019	Ongoing
11776	Township of Hamilton	Minifie Road Reconstruction	This project resurfaces a well traveled local asphalt road (for 3.6 lane-km).	\$341,301.13	\$428,858.74	June 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11772	Town of Lincoln	Resurfacing of Multiple Roads	Road rehabilitation of 13.3 lane km, including pulverizing, road base strengthening and a double surface treatment (tar & chip) seal. Roadside ditching and cross culvert replacements are also being completed as required.	\$806,694.79	\$1,800,257.69	January 1, 2018	December 31, 2018	Yes
11770	Norfolk County	Long Point Causeway Bridge Emergency Rehabilitation	Ontario Structure Inspection Manual (OSIM) analysis from qualified engineers indicated that a 16' span of the southbound lane bridge deck had experienced significant deterioration. Immediate measures included installing traffic control (temporary traffic signals and delineation). Construction involved the installation of rig mats, approach ramps and speed humps. The replacement of the Long Point Bridge is slated to begin in 2019.	\$320,466.88	\$320,466.88	July 1, 2018	December 4, 2018	Yes
11768	Municipality of Wawa	Installation of New Streetlights	This project involves the installation of new streetlights to a dark area of town to provide proper lighting for all ratepayers. Six new poles and lights were installed on Tamarack Avenue between Maple Street and Government Road.	\$39,261.02	\$39,261.02	April 1, 2018	July 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11761	County of Elgin	Village of Sparta Reconstruction	The Village of Sparta is one of Canada's oldest Quaker settlements dating back to 1813 and a popular tourist destination. The main roads within this village were last reconstructed in 1967, are at the end of their lifecycle, and require complete replacement. This project reconstructs approximately 1.1 km of Sparta Line and Quaker Road. The scope of work involves new roadway, curb and gutter, drainage, sidewalks, and signage.	\$0.00	\$1,825,000.00	September 3, 2018	December 18, 2020	Ongoing
11753	Town of New Tecumseth	Paving of 20th Sideroad between Highway 89 and 15th Line	This project is for the paving of the road section along the 20th Side road from Highway 89 to the 15th Line (250 m). The project was undertaken as a capping program with minor improvements to drainage and geometry. The road segment currently has a gravel surface and is being capped with 100 mm of granular A and two lifts of asphalt totaling 90 mm.	\$44,855.66	\$60,058.00	July 9, 2018	November 29, 2019	Ongoing
11752	Municipality of West Grey	Rehabilitation of Bridge N-066 (Lot 19, Concession 5/6)	This project is for the rehabilitation of Bridge N-066 (Lot 19, Concession 5/6) including curbs, railings, deck and guiderails.	\$83,043.69	\$111,185.18	August 2, 2018	November 30, 2018	Yes
11751	Town of New Tecumseth	Paving MacKenzie St Between Tupper St and King St South	Paving 180 m of MacKenzie Street between Tupper Street and King Street South. The project scope involves asphalt removal, rehabilitation of road base and curbs, in addition to the placement of granular A and new asphalt.	\$110,868.18	\$131,201.00	June 18, 2018	November 29, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11750	Municipality of West Grey	Rehabilitation of Bridge Crossing the Styx River (Lot 18, Concession 8/9 NDR)	This project is for the rehabilitation of Bridge B-04 (Lot 18, Concession 8/9 NDR) including barrier railings, curbs and guiderails.	\$55,383.36	\$55,383.36	September 3, 2018	November 30, 2018	Yes
11749	Municipality of West Grey	Rehabilitation of Bridge Crossing the Styx River (Lot 25, Concession 10/11 NDR)	This project is for the rehabilitation of Bridge B-05 (Lot 25, Concession 10/11 NDR) including barrier railing, curbs and guiderails.	\$58,396.51	\$58,396.51	September 3, 2018	November 30, 2018	Yes
11748	Municipality of West Grey	Rehabilitation of Bridge N-050 on Concession 18 Extension	Rehabilitation of Bridge 50 by removing delaminated sections of the concrete deck. Water proofing, hot mix and concrete railing restoration and placement of traffic safety barriers will also be done.	\$121,625.63	\$121,625.63	October 1, 2018	November 30, 2018	Yes
11747	Municipality of Sioux Lookout	Park Street Lane Infrastructure Upgrade	This project involves the replacement of approximately 140 m of 200 mm concrete sewer with 250 mm PVC sewer and 160 m of cast iron watermain with 150 mm PVC watermain, along with the restoration (return to granular surface) of approximately 150 m of laneway and adjacent roadway intersections.	\$306,000.00	\$445,937.59	May 28, 2018	December 31, 2018	Yes
11746	Municipality of West Grey	Styx View Bridge Rehabilitation	Rehabilitation of the Styx View Bridge (Concession 4/5 NDR Lot 17/18), involving concrete walls, curbs and deck areas.	\$72,871.64	\$72,871.64	September 3, 2018	July 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11745	City of Hamilton	Surface Treatment of Multiple Local Roads	The project involves surface treatment, bonded wearing course, slurry seal, microsurfacing, crack sealing, etc., on 118.8 lane-km of existing roads contributing to improved levels of service, reduced maintenance costs, dust mitigation and extended road life-cycle expectancies.	\$1,296,000.00	\$2,790,000.00	January 1, 2018	December 31, 2020	Ongoing
11744	City of Hamilton	Reconstruction of Streets Adjacent to Central Park	Reconstruction of 1.9 lane-km of streets adjacent to Central Park (Sheaffe, Caroline, Cannon [local leg], Railway, Mill, Harriet, Windsor) including upgrades to watermain, sanitary, and storm through Central Park. Work is being coordinated with Central Park soil remediation and park redevelopment.	\$101,807.21	\$3,890,000.00	January 1, 2018	December 31, 2021	Ongoing
11743	City of Hamilton	Reconstruction of Multiple Local Roads	Reconstruction of 3.4 lane-km of structurally deficient roadways to improve the level of service, increase safety and reduce maintenance costs. The work will be coordinated with watermain replacement and include the reconstruction of Locke Street (including iron watermain with all pipe joints and fittings restrained and full depth granular A backfill) and saw cutting concrete road base along Pearl St (and restoration of sidewalk after watermain break).	\$1,746,000.00	\$3,300,000.00	January 1, 2018	December 31, 2021	Ongoing
11742	City of Hamilton	Traffic Signal Modernization at Four Intersections	Traffic signals are being modernized at four intersections: Rymal Rd at West 5th St, Mohawk Rd at Upper Ottawa St, Governors Rd at Moss Blvd, and Governors Rd at Huntingwood Ave.	\$75,582.15	\$650,000.00	March 31, 2018	March 31, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11741	City of Hamilton	Two way Conversion of Victoria Avenue North from Burlington Street to Ferrie Street	To convert Victoria Ave North road from one-way traffic operation to two-way traffic operation from Burlington Street to Ferrie Street. Work includes upgrading the railway crossing on Victoria Ave N.	\$20,170.91	\$360,000.00	April 1, 2018	December 31, 2021	Ongoing
11740	City of Hamilton	Resurfacing and Rehabilitation of Barton, Governors & Red Hill Valley Parkway	27.3 km of roadway has become surface deficient and is in need of resurfacing and base repairs. This project extends the life of the roadway, improves the level of service, increases safety and reduces maintenance costs. Work includes the mainline expressway and associated on/off ramps. Condition assessment of subsurface appurtenances is completed and cleared.	\$2,676,034.35	\$11,950,000.00	January 1, 2018	December 31, 2022	Ongoing
11739	City of Hamilton	Resurfacing and Concrete Rehabilitation of Burkholme Neighbourhood Roadways	Resurfacing of 13.9 km of roadway along with concrete rehabilitation as required. This improves related levels of service while preserving the asset from further deterioration, and reducing ongoing maintenance costs.	\$2,984,156.03	\$4,700,000.00	January 1, 2018	December 31, 2020	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11737	City of Hamilton	Rehabilitation and Resurfacing Work on Local Escarpment Roads	Rehabilitation/resurfacing required to maintain public safety on roads due to natural erosion processes or sudden local escarpment failure. Seventeen road accesses currently require work. Work includes, but is not limited to, escarpment inspections, slope rock scaling and slope stabilization activities, design and installation of rockfall protection systems, enhancement of rockfall catchment areas (ditch), and slope drainage evaluation and remediation.	\$900,000.00	\$1,000,000.00	January 1, 2018	December 31, 2020	Ongoing
11736	Town of Cochrane	New and Replacement Sidewalks in Multiple Locations	This project will install 157.36m of new sidewalks and replace 440.14m of existing sidewalks throughout the Town.	\$131,626.67	\$131,626.67	January 1, 2018	December 31, 2018	Yes
11735	Town of Cochrane	Repaving of Fifth Street	Repaving approx. 1.665 km of Fifth Street (1.344 km from Tenth to Seventeenth Ave, 0.325 km from Eighth to Tenth). Fifth Street is a high traffic area and is a priority in our asset management plan.	\$545,776.93	\$545,776.93	January 1, 2018	December 31, 2018	Yes
11731	Town of Fort Frances	Road Reconstruction of Third St E from Williams Ave to Colonization Rd E	Full road reconstruction including the replacement of watermain, sanitary sewer, storm sewer, landscaping, road surface.	\$531,363.30	\$1,936,098.76	May 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11726	City of Dryden	Highlands/Palker Road Bridge Rehabilitation	The results of an above and below waterline structural evaluation indicated that the bridge could not safely support the CHBDC (Canadian Highway Bridge Design Code) Design Live Load CL-625 ONT Truck. If the rehabilitation is not done, the bridge would have load restrictions resulting in road and winter maintenance issues for the subdivision on the other side of the bridge. Equipment would be restricted from crossing the bridge.	\$104,340.00	\$127,764.00	January 1, 2018	December 31, 2018	Yes
11725	Township of Gillies	Prouty Road Rehabilitation	Resurface 1.6 Lane km of Prouty Road and apply a 4.5 inch lift of gravel (1488 Tonnes).	\$17,327.30	\$17,327.30	September 12, 2018	November 30, 2018	Yes
11724	City of Kawartha Lakes	Urban/Rural Roads Reconstruction	This project addresses urban/rural road reconstruction needs as identified by the Roads Needs Study and refined through the City's Asset Management Program to provide substantial benefits to residents, road users and development. Work involves total reconstruction of Glenelg St E, Hamilton St, Kawartha Dr, St Paul St, and Denniston St (about 1.44 km), with replacement of the road bed granulars, asphalt & installation of new storm sewers as well as new concrete curbs, gutters & sidewalks.	\$4,329,372.30	\$6,381,240.00	January 1, 2018	December 31, 2019	Ongoing
11721	Township of St. Joseph	D Line Resurfacing	Surface treatment of 4 lane km of D Line to provide safe, serviceable road pavement that maximizes sustainability for future use. This project was identified in our asset management plan as requiring resurfacing in 2013.	\$76,505.99	\$101,403.49	June 17, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11720	City of Cornwall	Asphalt Resurfacing Multiple Locations	This project is to overlay 10.2 km of asphalt in poor condition throughout various locations in the City. Also involved are arterial, collector and local roads. In addition, 1,526 m of curbs and 737 m of sidewalks are being rehabilitated in conjunction with road resurfacing.	\$1,048,289.78	\$1,584,946.55	July 2, 2018	December 31, 2019	Ongoing
11719	Township of Gillies	Neva Road Rehabilitation	Major gravel road and storm water open ditch rehabilitation. Redo ditching, reshape subsurface, replace gravel. Gas Tax is being used to resurface 1 km of the 3 km stretch of Neva Road by adding 1,064 tonnes of gravel and calcium to hold the road surface.	\$12,571.70	\$12,571.70	June 27, 2018	July 31, 2019	Ongoing
11718	Region of Halton	Resurfacing Roads in Various Locations	Resurfacing of Appleby Line (North of 407 to south or Britannia), Regional Road 25 (South of Side Road 10 to Side Road 17), Guelph Line (McLaren Rd 5 to rail crossing and Britannia to south of Side Road 8), Neyagawa Blvd (North of Burnhamthorpe to 407) and Upper Middle Road (Sixth Line to Neyagawa) and replacement of a concrete box culvert on R.R. 25, 330 m South of 15 Side Road.	\$1,051,856.00	\$9,578,162.00	January 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11712	Township of Hilton	Hamilton Bay Rd Reconstruction	Hamilton Bay Road is used by many residents to access their properties on X Line, Hamilton Drive, Hamilton Court and Big Point Road. The large boulders beneath the surface have caused significant heaving issues, posing damage risk to vehicles and drivers. The project involves digging up of 1 km of road bed and removal of clay and large boulders together with the roadside trees. Culverts will be replaced and the road built up with gravel and then surface treated.	\$16,500.00	\$106,910.00	May 23, 2018	September 30, 2018	Yes
11711	City of Richmond Hill	Construction of Gamble Glen Trail	Work involves constructing about 100 m of boardwalk and 320 m of trail.	\$549,284.00	\$551,000.00	January 1, 2017	December 31, 2019	Ongoing
11708	City of Cornwall	Construction of New Sidewalks in Multiple Locations	Gas Tax funds are used to construct 775 meters of sidewalks, where none existed previously. The main locations are in the Riverdale Area, where the new sidewalks allow for safer access to the school (St. Anne Catholic School) as well as promote pedestrian traffic throughout the Riverdale area. The main objective is to provide a safe path for pedestrians to use when walking throughout the City.	\$178,205.00	\$178,315.44	July 2, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11707	Municipality of Central Elgin	Surface Treatment of Multiple Streets	The work includes applying single and double surface treatments depending on existing road conditions to preserve the life expectancy of the roadway. Single surface treatment (single lift of tar and chip) is applied to 30.4 lane km of roads and double surface treatment (two lifts of tar and chip) is applied to 2.3 lane km of roads. The total length of roads resurfaced is 16,350m (32.7 lane km).	\$321,960.68	\$321,960.68	June 4, 2018	August 31, 2018	Yes
11706	Region of Halton	Winston Churchill Blvd - Reconstruction from Terra Cotta to Balinafad Rd/32 Side Road	Reconstruction of approximately 1.2 km of Winston Churchill Boulevard in the Town of Halton Hills, in conjunction with the Region of Peel.	\$1,614,000.00	\$2,766,000.00	January 1, 2018	December 31, 2020	Ongoing
11705	Region of Halton	Bridge and Culvert Rehabilitation	Region-wide rehabilitation and replacement of nine (9) bridges and two (2) culverts to maintain service levels. Work involves undertaking enhanced structure inspections, rehabilitating concrete, upgrading guide rail systems, and replacing culverts.	\$613,873.00	\$10,785,000.00	January 1, 2018	December 31, 2025	Ongoing
11702	City of Richmond Hill	Construction of Pedestrian Sidewalks and Lighting	Construction of 1,885 meters of pedestrian sidewalks and 95 LED luminaires in three locations in Richmond Hill.	\$130,191.00	\$914,000.00	January 1, 2018	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11700	Township of Rideau Lakes	Resurfacing of Multiple Roads	A single lift of surface treatment (emulsion and stone chip) was applied on Forfar, Newboyne and Indian Lake Roads (approximately 22.80 lane km). This investment prolongs the life of the road bases and improves gas mileage. Maintaining the Township's road system is vital to the local tourism industry.	\$325,102.00	\$336,447.00	May 1, 2018	October 30, 2018	Yes
11698	Loyalist Township	Morden Crescent Reconstruction	Reconstruction work on Morden Crescent includes full depth asphalt removal and road reconstruction, installation of curb and gutter, sanitary sewer replacement, watermain replacement, culvert removal and installation of new culverts, ditching, and restoration of all disturbed areas.	\$175,447.46	\$793,169.50	August 1, 2017	November 13, 2018	Yes
11693	Loyalist Township	McIntyre Rd Reconstruction (CR 4 to CR 7) & Fred Brown Rd Resurfacing (CR 4 to Thorpe Rd)	Reconstruction work on McIntyre Rd includes pulverizing of the existing surface, full depth excavation in areas that need base stabilization, supply and install of Gran B and Gran A, culvert removal and install of new culverts, ditching, double surface treatment and restoration of all disturbed areas. Resurfacing of Fred Brown Rd includes pulverizing of existing surface, supply and install of Gran A, select culvert removal replacement, select ditching, double surface treatment and restoration	\$516,654.34	\$1,367,655.18	July 23, 2018	September 13, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11692	Township of Cavan Monaghan	Paving and installation of HCB on Whittington Drive and Hooten Drive	Road paving and installation of HCB (high class bituminous) on Whittington Drive 15m and Hooten Drive 130m. The project includes removal of deteriorated asphalt surface at the intersections, placing a thin layer of granular to ensure proper grading and replacing with 75mm of new asphalt (HCB).	\$39,480.29	\$43,841.12	January 1, 2018	December 31, 2018	Yes
11691	Township of Cavan Monaghan	George Street Urbanization	George Street urbanization including 195m of LCB (low class bituminous), installation of a proper storm sewer system (260m of pipe) with catch basins, replacement of the deteriorated road, adding mountable curbs and creating a sufficiently sized cul-de-sac for winter maintenance.	\$156,647.50	\$579,216.90	January 1, 2018	December 31, 2018	Yes
11686	Township of Cavan Monaghan	Surface Treatment of Multiple Roads	The existing surface treatments on sections of Fallis Line (1.26 km), Valley Road (1.2 km), Larmer Line (1.6 km), Beardsmore Road (0.2 km), and Hayes Line (1.4 km) were deteriorating and were therefore replaced with new gravel and double surface treatment.	\$276,603.21	\$307,155.69	January 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11685	Township of King	Culvert Replacement on Kingscross Drive East of Cranberry Lane	Culvert 329 is a 2.1 m x 2.1 m single cell corrugated steel multi-plate pipe arch culvert, located on Kingscross Drive, approximately 0.15 km east of Cranberry Lane in King City. The culvert was constructed circa 1970 and carries two lanes of traffic with approximately 4.5 m of fill. The culvert is being replaced due to its poor condition with medium corrosion below the spring line and bolthole tears along approximately 70% of the culvert length.	\$32,846.80	\$376,000.00	August 1, 2018	December 31, 2019	Ongoing
11682	Township of King	Urbanization of Keele Street from King Road to Station Road	Design and construction related to future urbanization and streetscaping for Keele Street, from King Road to Station Road.	\$191,710.70	\$3,350,000.00	March 30, 2018	December 31, 2019	Ongoing
11681	Township of King	Pavement Reconstruction - Victoria, Centre, Rebellion	Approximately 1,500 m of road sections in the south-west quadrant of the village of Schomberg are being reconstructed. Works include design for the reconstruction of Queen Street (west of Rebellion Way), Victoria Street (east of Rebellion Way) and Centre Street (east and west of Rebellion Way), base and road surface replacement, as well as shoulder/drainage improvements.	\$24,913.85	\$3,500,000.00	March 1, 2018	March 31, 2021	Ongoing
11680	Township of Essa	Pedestrian Crossing Installation - Centre Street & Latimer	Installation of a pedestrian signal light at Centre Street and Latimer, involving sidewalk improvements, curb cuts, and tree removal.	\$44,139.00	\$80,000.00	September 21, 2018	July 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11678	Township of Essa	King Street Reconstruction - Cross Street to Mill Street	Work for the urbanization of King Street from Cross Street to Mill Street. Construction will entail the urbanization of approximately 350 meters with new storm sewer installation, new road subgrade, construction of new curb and sidewalk and asphalt.	\$10,800.00	\$708,500.00	April 9, 2018	August 30, 2019	Ongoing
11677	Township of Essa	5th Line Slope Stabilization	Stabilize the slope on the east side of the 5th Line, roadway is slumping due to steepness of the bank. Required to extend the culvert to the east and rebuild the slope and reconstruct the roadway with new granular material and asphalt.	\$794.75	\$201,000.00	May 14, 2018	September 30, 2019	Ongoing
11675	Township of Lanark Highlands	Surface Treatment and Widening of Peneshula Road	New gravel and surface treatment was added to 2.3 km of Peneshula Road. The road was also widened about 1 m.	\$163,331.00	\$172,183.00	July 15, 2018	August 28, 2018	Yes
11674	Region of Waterloo	Reconstruction of King St from Bishop St to Eagle St	Existing asphalt and granular base is being replaced with new granular and hot mix asphalt. This provides a safe and serviceable road that maximizes infrastructure sustainability. This involves: storm and sanitary sewer replacement; watermain rehabilitation and replacements; sidewalk installations and improvements; bus shelter; right and left turn lanes; and traffic equipment installations, replacements and modernization. Approximately 1.52 km of roadway are being reconstructed.	\$0.00	\$3,840,000.00	December 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11672	City of Greater Sudbury	Road Rehabilitation in Multiple Locations	Rehabilitation of approximately 7,300 m of road, involving improvements to the road structure (pulverizing or milling of the existing asphalt and placement of new asphalt), pedestrian facilities, and drainage.	\$1,601,672.03	\$3,328,319.28	January 1, 2018	December 31, 2020	Ongoing
11671	Township of Madoc	Resurfacing Crystal Beach Road and Old Marmora Road	Resurfacing of both Crystal Beach and Old Marmora Road, a total length of approximately 3.2 lane km.	\$55,050.76	\$61,532.64	June 4, 2018	July 31, 2018	Yes
11667	City of Orillia	Widening of West Street South between James Street West and Highway 12	This project involves widening West Street South between James Street West and Highway 12 (550 m) from two lanes to four lanes to match the existing cross-section to the north and provide the continuation of four lanes through to the highway. Also included is a Municipal Class Environmental Assessment (MCEA) and Detail Design.	\$0.00	\$450,000.00	February 1, 2018	December 31, 2021	Ongoing
11666	City of Orillia	Reconstruction of Wyandotte Street From Colborne Street West to Barrie Road	The project involves the reconstruction of Wyandotte Street from Colborne Street West to Barrie Road; approximately 350 m to match the existing curb and gutter standard complete with new sidewalk and replacement of underground servicing.	\$500,000.00	\$2,700,000.00	May 1, 2018	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11662	City of Greater Sudbury	Bridge Replacement and Rehabilitation in Multiple Locations	The bridge work involves rehabilitation of bridges and replacement of full culverts. The bridge rehabilitation locations include: Bowlands Bay Bridge; Vermillion Lake Bridge on MR55; Nelson Lake Road Bridge and Coniston Creek Pedestrian Bridge. The culvert replacement locations include: Kari Rd; Hill St; Beatrice Cresc; Robin St; Notre Dame Azilda; Desloges Rd; Jumbo Rd; Sunnyside Rd; Ramsey Lake at University Rd; and Dryden Rd.	\$2,850,996.00	\$13,423,505.00	January 1, 2018	December 31, 2020	Ongoing
11659	City of Peterborough	Installation of New Sidewalk on Alexander Court and Hedonics Road	Installation of new sidewalks on Alexander Court (230 m on north side of roadway) and Hedonics Road (215 m on north side of roadway). The project also includes re-grading, topsoiling, sodding and re-paving driveways.	\$77,100.00	\$280,000.00	May 1, 2018	October 3, 2019	Ongoing
11657	Municipality of Central Manitoulin	Dominion Bay Road Rehabilitation - Manitou Road to End	This project is a 1.6km rehabilitation of Dominion Bay road with new granular material and a new hard top surface and culvert replacement.	\$60,507.89	\$100,000.00	June 1, 2018	October 31, 2018	Yes
11655	Municipality of Central Manitoulin	Monument Road Rehabilitation - Blue Road to Highway 551	The project involves the removal of existing materials and reconstruction of problem areas spanning approximately 4 lane-km. Work involves development of a new granular sub-base and hard top surface, along with culvert replacements as appropriate.	\$65,000.00	\$90,000.00	June 1, 2018	October 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11652	Township of Wainfleet	Resurfacing of Kilts Road, Abbey Road, Burkett Road and Concession 6	A layer of cold recycled asphalt and single surface treatment was applied on Kilts Rd. Burkett Rd, Abbey Rd and Concession 6 received a single surface treatment. A total of 7.1 km of road was resurfaced or rehabilitated in this project.	\$202,444.67	\$293,100.00	May 8, 2018	November 2, 2018	Yes
11649	City of Sault Ste. Marie	Reconstruction of Black Road	The project scope includes the reconstruction of 1600m of Black Road with new granular base material, asphalt, and ditching.	\$2,555,668.14	\$4,730,454.00	April 23, 2018	October 31, 2019	Ongoing
11648	City of Sault Ste. Marie	Reconstruction of Bruce Street	This project includes the reconstruction of 280 m of Bruce Street. Also included are 280 m of new storm and sanitary sewers and watermain.	\$1,116,724.07	\$2,552,702.01	May 14, 2018	October 31, 2019	Ongoing
11646	City of London	Implementation of a Bike Share Program	This project is for the establishment of a system of "for rent"/"on-call" fixed bike share stations located at key destinations to provide residents and visitors with an opportunity to ride a bike to work, for fun, or for fitness. Phase one serves approximately 40,000 residents and 35,000 employees in neighborhoods in or near downtown.	\$6,277.82	\$822,500.00	December 3, 2018	September 30, 2020	Ongoing
11644	Municipality of West Perth	Rehabilitation of Nelson St from Huron Rd to Park Lane	Replacement of Nelson St road base, pavement, curbs, gutter, water main, storm water main and wastewater main and sidewalks. Sidewalks are replaced to meet accessibility standards.	\$284,078.67	\$570,021.43	January 2, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11642	Township of Leeds and the Thousand Islands	Escott Rockport Road Renewal	Renewal of Escott Rockport Rd (4.4 km). Resurfacing including tight blading to improve cross fall and eliminate wheel rutting and double application of asphalt microsurfacing.	\$47,000.00	\$95,937.00	September 3, 2018	December 31, 2018	Yes
11637	Township of Gauthier	Road Resurfacing of Crystal Beach Road	The project resurfaces a 0.08 km stretch of Crystal Beach Road which is in need of rehabilitation. It is the roadway to our main tourist attraction in the summer months and is in very poor condition.	\$23,730.00	\$28,730.00	October 8, 2018	September 30, 2019	Ongoing
11636	Municipality of Thames Centre	Improvement of Bridges and Culverts on Mossley Dr, Fairview Rd and Heritage Rd	<p>Bridge #5 on Mossley Dr (east of Putnam): removal and rehabilitation of the deck by removing and replacing asphalt, water proofing and replacing end treatments.</p> <p>Bridge #25 on Fairview Rd (north of Gregory): work on the concrete barriers, replacement of the expansion joint and removal and the rehabilitation of the deck by removing and replacing asphalt, waterproofing and replacing end treatments.</p> <p>Bridge #27 on Heritage Rd (south of Elginfield): rehabilitation of concrete curb and railings.</p>	\$121,021.48	\$161,361.98	September 6, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11635	City of Quinte West	Surface Treatment of Rural Roads	The project involved pulverizing and surface treating various sections of rural roads in Quinte West totalling 112.72 lane km. 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.	\$860,000.00	\$1,198,638.00	April 16, 2018	December 31, 2018	Yes
11634	City of Quinte West	Glen Ross Bridge Rehabilitation	The scope of work included localized partial depth concrete removal and patching of the approximately 1102 m2 concrete deck as well as the adjacent sidewalks and curbs. The deck survey had identified that approximately 20% of the deck was subject to delamination.	\$229,011.71	\$234,011.70	July 11, 2018	December 31, 2018	Yes
11633	City of Quinte West	North Murray Street Reconstruction - Phase 2	The project involved the widening and rehabilitation of North Murray St from Ireland Dr to Hamilton Rd. Included in the road widening was a 3 metre wide multi-purpose path to finish the creation of a connecting link identified in the City's Active Transportation Plan. The work also involved pedestrian crossing upgrades at the intersection of North Murray St and Hamilton Road.	\$1,137,221.49	\$1,199,729.75	August 7, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11632	Municipality of Thames Centre	Gravel Road Conversion to Hard Surface - Harris Rd	The surface of Harris Road between Hamilton Road and Donnybrook Drive was converted from gravel to asphalt. The existing gravel road had additional gravel placed for proper grading and drainage. It then had a layer of recycled asphalt placed (mixed with emulsion) followed by two applications of a tar and chip road. This work reduces the maintenance that this road will require and provides a safer traveled surface for the new residential development in the area.	\$75,000.00	\$264,382.15	June 30, 2018	December 31, 2018	Yes
11630	City of Quinte West	Hamilton Road Intersection Improvements	The project involved the replacement of the existing road surface and installation of curbing, asphalt surface, concrete sidewalk aprons and traffic lights. The main objective behind the project was to resolve dangerous vehicle and pedestrian movements by implementing a controlled intersection. Due to the location being a boundary road this was a joint project with The City of Belleville.	\$254,445.31	\$454,148.10	September 17, 2018	December 31, 2018	Yes
11628	Municipality of South Huron	Resurfacing Mollard Line and McTaggart Line	This project involves rehabilitating approximately 2 km of Mollard Line to restore the road surface to an acceptable level of service. Work entails patching/padding of the existing hard surface, replacing culverts as required, and placing a double high float surface treatment.	\$56,052.00	\$142,632.00	August 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11622	Town of Bancroft	Chemaushgon Culvert Replacement	The project is to replace nine culverts along Chemaushgon Road in advance of repaving the road in 2019. This work was completed to ensure that the draining of the road remains in good condition and will last the life of the new road surface.	\$47,725.79	\$47,725.79	August 15, 2018	November 30, 2018	Yes
11621	Municipality of Southwest Middlesex	Sidewalk Removal and Replacement	Sections of sidewalk identified as 'failing' in the asset management plan are being removed and replaced. 1,501.71 m of sidewalks are being installed on King Street, Victoria Street, O'Mara Street, Symes Street, Currie Street, South Street, Ward Street and Wellington Street.	\$66,354.00	\$109,608.24	June 1, 2018	December 31, 2018	Yes
11620	Township of Leeds and the Thousand Islands	Ellisville Road Renewal	Resurfacing 7 lane-km of road. Resurfacing includes tight blading to improve cross fall and eliminate wheel rutting and application of the final driving surface (a scratch coat of microsurfacing and top coat of asphalt microsurfacing).	\$40,000.00	\$139,176.62	June 15, 2018	December 31, 2018	Yes
11617	Municipality of Dutton/Dunwich	Resurfacing Pioneer Line between Stride and Iona	Rehabilitation and resurfacing 3.5 km of Pioneer Line between Stride Road and Iona Road. The work included culvert replacement, pulverization of existing surface, regrading of roadway and driveways with new granular material and a new asphalt surface.	\$118,000.00	\$284,526.00	March 15, 2018	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11612	Municipality of Meaford	Hot Mix Asphalt Road Resurfacing	The scope of this project is for the pulverizing, milling, asphalt padding, and placement of hot mix asphalt, including minor restoration works, on approximately 6.4 kilometres of HCB roads at various locations within the Municipality of Meaford to maintain the municipality's desired road network condition.	\$354,000.00	\$1,103,519.47	July 9, 2018	December 31, 2018	Yes
11610	Municipality of South Dundas	Double Surface Treatment - McCaslin & Hulbert Rd	1) Apply Double High Float surface treatment and fog seal for 2.0 km, 6.0 meters wide over entire surface of McCaslin Rd. 2) Apply surface treatment for approximately 1.2 km, 5.0 meters wide consisting of the application of a single lift over the entire surface with a fog seal for Hulbert Road (West of County Road 1/Carman Road). Apply Double High Float surface treatment and fog seal for approximately 3.3 km, 6.0 meters wide for Hulbert Road (East of County Road 1/Carman Road)	\$330,000.00	\$349,516.34	April 3, 2018	June 30, 2018	Yes
11604	Municipality of Gordon/Barrie Island	Resurfacing of Lighthouse Road in Gordon	This project is for the restoration and application of surface treatment to 8.4 km of Lighthouse Road in Gordon to extend the life of the road and improve safety conditions.	\$33,507.20	\$122,324.76	July 2, 2018	August 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11603	City of Waterloo	Reconstruction of Moccasin Dr and Longwood Dr	The entire length of Moccasin Dr and the stretch of Longwood Dr between Albert St and Greenbrier Dr have exceeded their expected lives and are significantly degraded. Reconstruction of this two-lane, 425 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs, as well as bike lanes and sidewalks.	\$34,000.00	\$2,298,400.00	January 1, 2018	December 31, 2020	Ongoing
11595	Municipality of Casselman	Reconstruction of Du Boissé Road and Racine Street	Reconstruction of Racine and Du-Boissé Road. The entire length of Du Boissé Road (0.9 km) is being pulverized and repaved. Racine Street (0.55 km), which is a major artery for our industrial park, is being pulverized and the base is being increased, regraded and paved. A new storm sewer system is also being installed.	\$115,492.00	\$268,338.00	September 4, 2017	December 28, 2018	Yes
11590	Town of Hawkesbury	Reconstruction of Cecile Blvd between Edmond St and Garneau St	This project is for the full pavement structure reconstruction of Cecile Blvd between Garneau St and Edmond St (approximately 0.68 lane-km). The work involves road resurfacing, replacement of water and wastewater lateral services, and correction of drainage issues by replacing catch basins.	\$798,881.44	\$963,087.05	August 1, 2018	June 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11588	Town of Halton Hills	Traffic Signal Upgrades	This project replaces the existing controllers that have exceeded their expected life cycle and are in a sub-standard condition. Four locations are being upgraded with new Traffic Controllers to reduce the possibility of malfunctions, the potential for collisions and overall operating costs.	\$54,634.31	\$120,000.00	June 1, 2018	September 30, 2019	Ongoing
11587	Town of Halton Hills	Danby & Barber Roundabout Construction	Replacement of the existing concrete apron at the east intersection of Danby Road and Barber Drive to improve the safety of the roundabout. The existing apron is too low, allowing vehicles to traverse it at higher speeds.	\$0.00	\$30,000.00	June 1, 2018	September 30, 2019	Ongoing
11586	Town of Halton Hills	Design & Construction of Mill Street	This project is for the design and construction of improvements identified in the Mill Street Neighbourhood Study, including boulevard enhancements, sidewalk extensions / modifications, cycling lanes / signage, roadway improvements (resurfacing, curb replacements/modification) and traffic calming measures. Improvements are being implemented using a multi-year phased approach.	\$0.00	\$6,025,000.00	April 1, 2018	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11584	Town of Huntsville	South Lancelot Bridge Rehabilitation	South Lancelot Bridge was listed for removal and replacement under our current 10 year capital bridge plan slated for 2018. The existing one-lane structure was built in 1920, in need of rehabilitation, and did not meet the demands of today's growth and development. This project was for the removal and replacement of the existing structure with a two-lane open bottom structure on a concrete foundation, realigned with the roadway to provide a proper and safe transition to and from the structure.	\$471,000.00	\$554,905.00	January 1, 2018	November 29, 2018	Yes
11583	Town of Halton Hills	Asphalt Upgrade of Fourth Line (5 Side Rd to 10 Side Rd)	The existing asphalt surface was distressed and failing in various areas. The road was paved with a bonded wearing course and the road is being resurfaced using a "pulverized in place" application, adding new asphalt and granular to the existing road surface. This project rehabilitates the traveled portion of the road using innovative technology thus allowing a smooth surface without having to perform a full road reconstruction.	\$518,500.00	\$591,537.99	April 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11582	Town of Huntsville	Reconstruction of Penfold Lake Road	Reconstruction of 3.61 lane km of Penfold Lake Road from Stephenson 12 East to the end. Penfold Lake Road is listed as a road reconstruction project under our current 10 year capital plan slated for 2018. The scope of work for this project consists of drainage improvements, road base preparation, road resurfacing and sight line improvements/roadside brushing.	\$135,952.00	\$224,176.00	March 26, 2018	November 19, 2018	Yes
11580	City of Hamilton	Implementation of Bike Lanes	To create and improve 3.441 km of cycling infrastructure through the implementation of lanes, signed routes and cycling infrastructure in coordination with yearly road construction projects. Involves Rymal Rd (Garth to West 5th and Hazelton Ave) and Governors Road (Creighton to Davidson).	\$88,425.47	\$450,000.00	January 1, 2018	March 31, 2021	Ongoing
11579	Town of Halton Hills	AODA Accessible Traffic Signal Installation	To install eight accessible pedestrian signal devices. This upgrade helps make Halton Hills an accessible community by removing barriers to persons with disabilities as mandated by the AODA and Ontario Regulation 191/11.	\$180,402.49	\$240,000.00	May 1, 2018	September 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11577	Town of Halton Hills	Installation of Pedestrian Crossings	To install pedestrian crossing facilities based on the Ontario Traffic Manual Book 15, Pedestrian Crossing Treatments and Highway Traffic Act. As per the regulatory changes made by the MTO in 2016, municipalities are required to implement new types of pedestrian crossovers (PXOs) to improve their safety and mobility. These controlled crosswalks will reassign the right-of-way from vehicles and cyclists to pedestrians. PXOs are being installed at eight Locations.	\$220,000.00	\$265,000.00	May 1, 2018	February 28, 2019	Ongoing
11571	Township of Tiny	Tiny Beaches Road North Riverbank Stabilization	The Lafontaine Creek passes beside a section of Tiny Beaches Road North. The creek was eroding the embankment. If left unchecked, it would threaten the road. In order to rectify this, stone revetments with live plant stakings were built on the river embankment to stop the erosion.	\$34,081.43	\$140,969.15	January 8, 2018	June 28, 2019	Yes
11569	Township of Leeds and the Thousand Islands	Renewal & Culvert Replacements on Cunningham Rd	Total reconstruction of Cunningham Rd to improve drainage and drivability. Reconstruction includes brushing, ditching and replacement of seven culverts to improve drainage, and application of geo cloth and Granular Band A limestone crushed rock to improve the sub-base.	\$120,000.00	\$141,114.39	May 15, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11568	Township of Leeds and the Thousand Islands	Centennial Road Reconstruction	Total reconstruction of Centennial Road (5.6 lane-km). Reconstruction involves installation of geo cloth, sub-base renewal with Granular B and Granular M crushed Limestone Aggregate, and double surface treatment with fog seal to establish a hard surface.	\$80,000.00	\$160,000.00	May 15, 2018	December 31, 2018	Yes
11566	United Counties of Stormont, Dundas & Glengarry	Road Resurfacing and Restoration	Resurfacing extends over 12.8 km of road. Selection and rehabilitative measures were based on our road needs study, geotechnical investigations, and AMP. Project scope included cold in-place recycling with expanded asphalt to a 100 mm depth, a 50 mm lift of hot mix, pre-shouldering and shouldering.  The new asphalt surface prevents water infiltration into the road base and premature surface failure, improves surface friction and drainage, and provides a quality and safe surface for the public.	\$2,064,706.32	\$2,492,884.77	May 16, 2016	October 31, 2018	Yes
11565	Township of Lucan Biddulph	Resurfacing Whalen Line from Highway 4 to Saintsbury	Whalen Line is being resurfaced from Highway 4 to McTaggart/Saintsbury Line. The scope of work includes cold recycling in place of the existing surface and placement of a 50 mm overlay of HL4 on top.	\$388,694.44	\$731,210.34	May 1, 2018	November 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11564	City of Waterloo	Reconstruction of Dale Crescent and Carlaw Place	Dale Crescent (entire length) and Carlaw Place (entire length) have exceeded their expected lives and are significantly degraded. Reconstruction of this two-lane, 1000 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs and sidewalks.	\$1,161,813.00	\$4,270,690.00	January 1, 2018	December 31, 2019	Ongoing
11562	City of Waterloo	Reconstruction of Albert St. between Erb St. W and Bridgeport Rd W	The section of Albert St. between Erb St. W and Bridgeport Rd W has exceeded its expected life and is significantly degraded. Reconstruction of this two-lane, 250 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs, sidewalks and buried hydro.	\$522,000.00	\$2,176,000.00	January 1, 2018	December 31, 2019	Ongoing
11552	City of Belleville	Replacement of the Catherine Street Pedestrian Overpass	In July 2018, the Catherine Street Pedestrian Bridge had to be closed for public safety due to its rapid deterioration. The bridge will be replaced and the new bridge will feature a much wider structure with both decorative and pedestrian lighting thus improving public safety.	\$65,197.68	\$4,058,000.00	January 1, 2018	December 31, 2020	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11551	Municipality of Chatham-Kent	Replacement of Thamesville Bridge	This project is for the replacement of the bridge crossing the Thames River on Victoria Road. The work involves installation of a new concrete slab on new concrete precast girders, new foundations, new abutments, new retaining walls, and new piers, as well as alignment with Victoria Road and modifications to the intersection of Norton Line and Magnavilla Road.	\$2,369,358.93	\$8,115,899.44	January 1, 2017	December 31, 2019	Ongoing
11549	Norfolk County	Asphalt Resurfacing - Norfolk County Road 19 East	This project is for the cold-in-place asphalt recycling (using CIREAM) and asphalt overlay of Norfolk County Road 19 East from Old Highway 24 to Cockshutt Road (3.4 km). This road section was rated as a NOW need in the 2014 Roads Needs Study.	\$444,453.14	\$730,000.00	June 1, 2018	October 31, 2018	Yes
11548	Norfolk County	Asphalt Resurfacing - Old Highway 24	This project is for the cold-in-place asphalt recycling (using CIREAM) and asphalt overlay of Old Highway 24 from Russell Street to Concession 3 Townsend (5.1 km). This road section was rated as a 1-5 year need in the 2014 Roads Needs Study. The work includes the installation of paved shoulders on this section.	\$929,482.24	\$933,678.72	March 1, 2018	December 31, 2018	Yes
11547	Norfolk County	Asphalt Resurfacing - St. John's Road	This project is for the cold planing and asphalt overlay of St. John's Road from Blueline Road to Highway 6 (8.1 km). This road section was rated as a NOW need in the 2014 Roads Needs Study.	\$1,317,889.26	\$1,464,991.27	March 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11546	Norfolk County	Surface Treatment Program	Conversion of 7.25 km of existing gravel roads to tar and chip surfaces including the addition of granular material, roadside ditching, culvert replacement and shoulder work in preparation of surface treating. Also, there was improvement work completed on 105 km of existing tar and chip roads and 8.25 km of micro-surface resurfacing of existing micro-surface, and tar and chip roads.	\$2,275,000.00	\$3,000,000.00	July 1, 2018	December 31, 2018	Yes
11545	Municipality of Port Hope	Lakeshore Road Reconstruction	Design and reconstruction of Lakeshore Road from 400 m West of Shortt Street to Victoria Street. Work involves 709 m of road reconstruction with sidewalk and curb, 709 m of watermain replacement, 292 m of new storm sewers, 170 m of culvert replacement, and 490 m of new sanitary sewers.	\$15,496.64	\$206,000.00	January 1, 2018	December 31, 2019	Ongoing
11544	Municipality of Port Hope	Rural Roads Resurfacing	The condition of the surface treated rural roads have significantly deteriorated over 10-20 years due to lack of funding. This project brings a portion of the rural roads back up to standard. A total of 28.2 lane km is being resurfaced along Zion Rd; 4th Concession; Browns Rd; Sylvan Glen Rd; Gilmour Rd; Kellogg Rd. All segments are being pulverized, with some areas receiving 3/4" crushed gravel to build up the roads before the application of two lifts of tar and chips.	\$300,000.00	\$475,466.89	January 1, 2018	September 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11542	Township of Nipigon	Railway Street Surface Replacement	The surface of Railway Street from Hwy 11/17 to 6th Street was identified as having poor quality asphalt and the roadway was too narrow. The street was negatively impacted by a deteriorating asphalt swell resulting in the undercutting of the granular road base. Improvements include rehabilitation of the road base with compacted Granular A, reinstallation of the swale to direct stormwater to our new rain garden, and installation of 2 inches of asphalt with corrected lane width.	\$50,000.00	\$92,600.00	August 1, 2018	September 28, 2018	Yes
11528	City of Barrie	Mapleview Drive East Improvements - Country Ln to Yonge St	Reconstruction, widening and urbanization of an existing two lane rural road to a five lane urban cross-section with new storm sewers, new partial sanitary sewers, a new transmission watermain and a new multi-use trail.	\$298,547.93	\$17,023,900.00	April 1, 2018	December 31, 2020	Ongoing
11523	City of Barrie	Bayfield Street Pavement Rehabilitation	This project is for the rehabilitation of Bayfield Street from Coulter Street to Cundles Road. The existing concrete white topping was removed and disposed of. A partial depth asphalt removal, asphalt base repairs and asphalt resurfacing was completed. Localized concrete curb repairs, sidewalk repairs as well as pavement markings and minor restorations were also completed.	\$887,634.83	\$1,860,000.00	April 17, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11522	Township of North Stormont	Mclean Road Surface Treatment	Mclean Road is approximately 2,318 m long and 6.5 m wide from Highway 138 East to Fraser. This portion of the road was overlaid with 5/8 minus aggregate of single surface treatment with HF 150S emulsion to restore a smooth driving surface.	\$38,800.00	\$38,853.18	October 1, 2018	December 31, 2018	Yes
11520	Township of North Stormont	Bender Road Surface Treatment	<p>Bender Road was resurfaced from County Road 43 South to the end of the Road (dead end). This portion of the road is approximately 3,780 m long and 6.7 m wide (25,686 sq. m).</p> <p>The road was overlaid with 5/8 minus aggregate of single surface treatment with HF 150S emulsion over the existing surface treatment, including four intersections to restore a smooth road surface.</p>	\$63,000.00	\$63,246.71	October 1, 2018	December 31, 2018	Yes
11519	Township of North Stormont	Concession 3-4 Road Surface Treatment	A portion of Concession 3-4 Rd approximately 520 m long and 6.2 m wide (3,224 sq. m) was overlaid with 5/8 minus aggregate of single surface treatment with HF 150S emulsion to restore a smooth road surface.	\$8,000.00	\$8,267.65	October 1, 2018	December 31, 2018	Yes
11518	Township of Champlain	Rehabilitation of Ritchance Road	This project is for the full depth reclamation of pavement and restoration of roadway surface on 2,000 m of Ritchance Road. The unpaved roadway surface is also being restored (including 0.5 m for shoulders on each side of new pavement).	\$265,843.33	\$279,450.84	May 18, 2018	November 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11517	Township of North Stormont	Tolmies Corners Surface Treatment	Tolmies Corners Rd is approximately 2,300 m long and 6.7 m wide from County Road 43 North to Redtown Road. This portion of the road was resurfaced with two layers of 5/8 minus aggregate and HF 150S emulsion to reinstate a new smooth driving surface for vehicles.	\$112,000.00	\$112,011.73	October 1, 2018	December 31, 2018	Yes
11515	Municipality of Port Hope	Percival Street Resurfacing	Resurface Percival Street with one lift of asphalt, replace existing entrance culverts and complete ditching work from Scriven Boulevard to Victoria Street.	\$106,338.95	\$106,338.95	January 1, 2018	December 31, 2018	Yes
11506	City of Vaughan	West Don Valley-Pedestrian Bridge Replacement	Scope of work includes replacement of existing pedestrian bridge and associated landscape works.	\$8.50	\$115,000.00	February 1, 2017	December 31, 2021	Ongoing
11505	City of Vaughan	Staircase Rehabilitation/ Replacement between Islington Ave & Dorengate Dr	Condition assessment and construction for replacement of existing outdoor concrete staircase 10m high, 45m long.	\$12,955.09	\$275,000.00	January 1, 2015	December 31, 2021	Ongoing
11504	Municipality of Greenstone	Resurfacing Multiple Roads in Greenstone	This project is for the reconstruction of 4.81 km of highly deteriorated roads in various communities throughout Greenstone. The project scope involves pulverizing asphalt in place and applying a lift of Superpave 12.5 asphalt to a thickness of 50 mm. This improvement takes the road condition rating from very poor to excellent.	\$900,000.00	\$1,143,237.26	July 16, 2018	August 15, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11499	City of Port Colborne	Road Resurfacing of Various Streets	Resurfacing of various roads throughout the City. Rehabilitate surfaces through milling, pulverizing and resurfacing with overlays. Base repairs completed where required. Roads impacted by this project: Sherk Rd, Park St, Highland Ave, Bridge St, Dolphin St, Chestnut St, Union St, Borden Ave and Fielden Ave. A total of 6.37 Lane kms of roads resurfaced.	\$265,000.00	\$531,510.00	April 2, 2018	December 31, 2018	Yes
11498	County of Lambton	Rehabilitation of County Road 8 - Courtright Line to Aberfeldy Line	This section of roadway (5.4 km) was rehabilitated utilizing Full Depth Reclamation with Expanded Asphalt Mix of the existing road platform, followed by hot mix paving and granular shouldering activities. The other 5.8 km consisted of hot-mix overlay. Other work included sub-drain installation.	\$1,368,297.00	\$1,966,262.29	April 2, 2018	November 28, 2018	Yes
11493	Township of Alnwick/Haldimand	Reconstruction of Various Roads	Four local roads (McDonald Rd., Wickow Rd. N, Stewart Rd. and Telephone Rd.) with a total length of a total of 6.4 km are being resurfaced with a tar and chip process to extend their useful life.	\$210,000.00	\$269,625.00	June 1, 2018	October 31, 2019	Ongoing
11492	Township of Brock	Rehabilitation of Bridge #8 on Laidlaw St S	This project is for the rehabilitation of concrete railings, sidewalks, soffits and abutments to extend the useful life of the bridge on Laidlaw St S.	\$6,642.00	\$103,000.00	March 1, 2018	December 31, 2019	Ongoing
11491	Township of Brock	Rehabilitation of Bridge #37 on Thorah Side Rd	This project is for the rehabilitation of concrete in soffit, abutments and wingwalls and the replacement of curbs to extend the life of the bridge on Thorah Side Rd.	\$12,424.00	\$229,334.00	March 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11490	Township of Brock	Rehabilitation of Culvert #318 on Brock Road	This project is for the replacement of the headwall and provision of rock protection to extend the life of culvert #318 on Brock Rd.	\$6,945.00	\$128,500.00	March 1, 2018	December 31, 2019	Ongoing
11489	City of Vaughan	Construction of a Multi-Use Pathway on McNaughton Road	Design and construction of a new multi-use pathway on the north boulevard of McNaughton Road from Keele Street to Major Mackenzie Drive.	\$5,679.43	\$253,000.00	January 1, 2015	December 31, 2021	Ongoing
11488	Township of Dawn-Euphemia	Longcreek Bridge Replacement	This project is for the replacement of the box culvert on Long Creek under Lambton Line in the community of Rutherford. The culvert was constructed in 1934 and is at the end of its useful life.	\$65,262.61	\$499,783.07	September 11, 2018	June 28, 2019	Ongoing
11487	City of Vaughan	Rehabilitation and Reconstruction of Multiple Roads	Works include resurfacing, rehabilitation, or reconstruction of 2.5 km of road surface, curb, sidewalk, culverts, guide rails, and paved shoulders, along with any necessary restoration.	\$2,363,257.35	\$8,163,300.00	January 1, 2015	December 31, 2021	Ongoing
11485	City of Woodstock	Reconstruction of Douglas St (Hunter to Dundas)	Douglas St is being reconstructed. The reconstruction includes replacement of storm and sanitary sewers, water mains and surface asphalt. This project provides enhanced community health and safety by upgrading underground services and by providing a safe, serviceable road surface.	\$335,232.94	\$488,253.82	March 12, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11482	City of Vaughan	Traffic Signal Improvements	Upgrade of 13 traffic signals to meet accessibility requirements. The upgrade provides enhanced safety with Accessible Pedestrian Signals and pedestrian countdown equipment. This work is legislated by Ontario Regulation 429/07 under the Accessibility for Ontarians with Disabilities Act, 2005 S.O.	\$105,237.62	\$462,000.00	January 1, 2013	December 31, 2019	Ongoing
11480	City of Woodstock	Asphalt Resurfacing - Various Roads	Supply and place hot mix asphalt to provide safe, serviceable road pavements that maximize sustainability in future. 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. 4.78 lane km of roads are being resurfaced.	\$164,767.06	\$584,919.10	March 19, 2018	December 31, 2018	Yes
11472	Town of Amherstburg	Creek Road Reconstruction	Reconstruction of Creek Road (2.8km) includes pulverization of the existing asphalt surface, widening of road and shoulder, placement of additional granular base and 100mm of asphalt.	\$1,000,000.00	\$1,700,000.00	April 1, 2018	May 31, 2019	Ongoing
11471	Town of Amherstburg	Sandwich/Pickering Intersection Improvements	The intersection of Sandwich and Pickering is being improved. Improvements include curb replacement, light replacement, redesign and redevelopment for traffic.	\$670,785.53	\$750,000.00	September 1, 2017	June 30, 2018	Yes
11469	Township of Nairn & Hyman	Sand Bay Road Upgrades	We completed approximately 2.7 km of surface treatment to Sand Bay Road.	\$29,518.12	\$133,404.04	July 23, 2018	September 4, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11467	Town of Perth	Installation of Pedestrian Crossings on Gore St	This project is for the installation of pedestrian crossing equipment at two locations on the Town's main street. The installation includes new push button controls and warning lights for pedestrians to activate prior to crossing from either direction. The installation responds to the concerns about pedestrian safety in high traffic areas.	\$64,768.00	\$64,768.00	August 1, 2018	October 31, 2018	Yes
11463	City of Cambridge	Reconstruction of Multiple Laneways	Rehabilitation/reconstruction of laneways due to structural deterioration. Project locations include Laneway 210 between River Rd to End St, Laneway 211 from River Rd to End St, Laneway 116 between Eagle St N and Whitley St, and Laneway 302 between Bella St and Dead End.	\$97,823.00	\$113,188.00	January 1, 2018	December 31, 2019	Ongoing
11462	City of Cambridge	Laneway Reconstruction - Eagle Hill	Reconstruction of Eagle Hill Laneway bounded by Cooper Street. Project involves replacement of watermain, sanitary sewer and road infrastructure due to deterioration. Also involves the replacement of a failed retaining wall, which collapsed in Fall 2017 and has resulted in private property impacts due to required interim measures.	\$753,534.00	\$1,349,187.00	January 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11461	City of Cambridge	Road Reconstruction - Lowther St, Church St and Argyle St	Reconstruction of Argyle, Church, and Lowther Streets, all from Queenston Road to Hamilton Street. Project involves replacement of watermain, sanitary sewer, storm sewer, and road infrastructure due to deterioration. Also involves replacement of sidewalk, curb, driveway ramps, boulevards, traffic signs, and utility relocation.	\$170,704.00	\$940,331.00	January 1, 2018	December 31, 2019	Ongoing
11460	City of Cambridge	Road Reconstruction - Spruce St and Briercrest Ave	Reconstruction of Briercrest Ave from Main Street to end and Spruce Street from Main Street to McNaughton Street. Project involves replacement of water, sanitary, storm and road infrastructure due to deterioration. Also involves replacement of sidewalk, curb, driveway culverts, traffic signs, streetlight renewal and utility relocation.	\$353,492.00	\$1,390,796.00	January 1, 2018	December 31, 2019	Ongoing
11458	Township of Drummond/North Elmsley	Dufferin Road Reconstruction	Dufferin Road will be reconstructed from the boundary line between Drummond/North Elmsley Township and the Town of Perth to the intersection at Highway No. 7 (a distance of approximately 800 m).	\$3,617.06	\$500,000.00	May 27, 2018	December 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11457	Township of Drummond/North Elmsley	Reconstruction of Otty Lake Side Road	Reconstruction of Otty Lake Side Road from County Road No. 10 to Kenyon Road (a distance of 4.0 km). Included in the reconstruction are enhanced safety elements such as guard rails and horizontal and vertical roadway realignments. The pavement surface is being widened to accommodate paved shoulders, reduce ongoing shoulder maintenance and allow pedestrians and cyclists extra room to share the road.	\$59,352.12	\$2,720,357.46	April 16, 2018	October 30, 2019	Ongoing
11456	Township of McMurrich/Monteith	Resurfacing Stisted Road South	Resurfacing of 2.7 km of Stisted Road South with the addition of gravel to the sub-surface and, culvert and ditch enhancements. This project will result in a smoother riding surface and should reduce road maintenance requirements.	\$49,837.76	\$142,695.86	August 1, 2018	December 31, 2018	Yes
11455	City of Cambridge	Construction of a Pedestrian Bridge over the Grand River	A pedestrian bridge to link the west and east banks of the Grand River in the Cambridge core entertainment district between Main Street and Concession, and provide an architectural feature to enhance the core area aesthetics.	\$72,500.00	\$2,072,344.00	January 1, 2015	December 31, 2019	Ongoing
11453	Town of Halton Hills	Construction of The Paper Mill Bridge on River Dr	Rehabilitation of the existing concrete girder bridge including placement of a new asphalt wearing surface, installation of new railings and guide rail, and widening of the existing sidewalk.	\$500,000.00	\$990,858.94	April 23, 2018	December 31, 2018	Yes
11452	Municipality of St. Charles	Gravel Resurfacing - Beuparlant Rd (from Coursol Road to Musky Bay Rd)	Resurfaced 3.5 km of gravel on a section of Beuparlant Road from Coursol Road to Musky Bay Rd to extend the useful life of the road and improve storm water drainage reducing the level of erosion.	\$48,226.96	\$48,226.96	July 2, 2018	November 15, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11450	Town of Halton Hills	15 SdRd West 5th Line Culvert	Existing corrugated steel pipe (CSP) arch was 1.8 m x 1 m x 13 m and was replaced with a CSP of the same size. The original CSP had a severe deformation in obvert. Minor drainage channel and asphalt wearing surface rehabilitation was completed as a result of the replacement.	\$32,047.25	\$105,467.51	June 1, 2018	September 28, 2018	Yes
11448	Town of Aylmer	Reconstruction of Clarence St.	Design and reconstruct Clarence St to improve the condition of the road, while also replacing the sewer and waterworks. This reconstruction is from John St S to Dufferin St.	\$25,788.28	\$1,081,000.00	July 2, 2018	December 31, 2020	Ongoing
11447	City of Pickering	Rossland Road Reconstruction	The road reconstruction work involves site preparation and removals, storm sewers, roadworks, bicycle lanes, sidewalk and multiuse path, and streetlighting. Reconstruction extends the life of the asset, and improved surface reduces GHG emissions. The project length is 88.7 m and 5 lanes wide (2 in each direction and a left turn lane) plus on road bicycle lanes. The lane km calculation is 443.5 m.	\$168,750.00	\$471,377.51	March 15, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11445	Town of Newmarket	Park Ave. Reconstruction	The Roads Needs Study has identified Park Ave as deteriorated, deficient and in need of reconstruction. Public Services and Operations also reported numerous concerns with the sanitary sewer as a result of CCTV inspections, and the cast iron watermain is nearing the end of its service life. The road and sidewalks are also in need of reconstruction. The Project is from Main Street to Lorne Ave., passing by Church St., Victoria St., and Elm St. with a total length around 530 m.	\$259,805.00	\$4,235,000.00	January 1, 2018	December 31, 2019	Ongoing
11437	County of Simcoe	Nottawasaga River Bridge Rehabilitation	This project is for the concrete deck replacement and cleaning / recoating of structural steel girders on the bridge crossing the Nottawasaga River. The construction will be completed in two stages with Stage 1 completed in 2018 and Stage 2 to commence in 2019. Traffic is reduced to a single lane with the use of temporary traffic signals during construction.	\$0.00	\$1,540,000.00	May 11, 2018	December 31, 2020	Ongoing
11436	Township of Madawaska Valley	Old Barry's Bay Road Rehabilitation	A total rehabilitation of the Old Barry's Bay Road was undertaken with 3 km of road widening for the encouragement of "active transportation" to provide safe movement for pedestrians and youth camp attendees. This project completes the rehabilitation of Old Barry's Bay Road which is an important alternative connecting link from Highways 60 to 62. Work completed includes ditching, road base reconstruction and culvert replacement, and new hot mix asphalt. Also, proper signage along the road.	\$136,435.35	\$2,260,973.00	May 21, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11434	Town of Arnprior	William St. W. Reconstruction	This project is a road reconstruction with water main replacement and sewer spot rehabilitation. The objectives of this project are to replace an unreliable cast water main that has required over a dozen repairs in the last decade and to rebuild William St. between Edward St. and Division St. William St. is one of Arnprior's major collector roads and is in need of a new road bed, road surface and sidewalk.	\$258,439.00	\$782,722.00	April 2, 2018	December 31, 2018	Yes
11432	Town of Moosonee	Resurfacing First Street	Resurfacing 4.74 lane km of First Street, the main street in Moosonee, to improve the condition of the road.	\$109,885.80	\$109,886.00	June 1, 2018	December 31, 2018	Yes
11429	Town of Lakeshore	St. Peter Street Reconstruction - Chisholm to 11th Street	Full road and underground infrastructure reconstruction on high priority strategy road in very poor condition. Continuation of joined St. Peter project which also uses Federal Gas Tax (see St. Peter South to Chisholm project).	\$1,687,718.69	\$3,346,000.00	January 1, 2018	September 30, 2019	Ongoing
11428	Township of Prince	Rehabilitation of Culvert on Walls Road	The existing culvert on Walls Road has begun to collapse and is in need of total rehabilitation. New guide rails, a culvert liner and grout are being installed and the road is being rebuilt.	\$211,026.30	\$247,627.23	June 1, 2018	September 6, 2019	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11423	Region of Peel	Construction of East Side Multi-Use Trail on Airport Rd from Mayfield Rd to North of Perdue Crt	This project is for construction of a 0.96 km long multi-use trail to provide a suburban connector along this section of Airport Road (on the east side of Airport Road from Mayfield Road to 600 m north of Perdue Court). This would provide the public with more safe and convenient urban transportation options.	\$926,096.82	\$1,030,000.00	January 1, 2018	December 31, 2019	Ongoing
11422	Region of Peel	Installation of Street Lighting and Sustainable Transportation Components on Highway 50	This project is for the provision of street lighting and sustainable transportation components on 1.75 km of Highway 50 (from Patterson Side Road to Buckstown Trail), as a part of the capital project in the Town of Caledon.	\$1,000,000.00	\$1,000,000.00	January 31, 2018	December 31, 2019	Ongoing
11418	City of Brockville	Byng Avenue Reconstruction	The project involves the reconstruction of storm sewers, sanitary sewers, watermains and service laterals. The existing roadway is being reconstructed to involve: granular material, asphalt pavement, concrete curb and gutter, concrete sidewalks, and restoration work. The work on Byng Ave involved approximately 150 m of road reconstruction, water distribution systems, and wastewater collection systems.	\$56,628.00	\$353,968.97	July 1, 2018	December 31, 2019	Ongoing
11417	City of Thunder Bay	Sidewalk Replacement on Frederica Street	This project involves replacing 202 m of sidewalk on Frederica Street from Brown St. to Edward St., providing 17 residents with access to replaced sidewalk.	\$150,000.00	\$185,576.00	March 1, 2018	September 30, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11416	City of Thunder Bay	Pedestrian Bridge Construction on College Recreation Trail	The purpose of this project is to enhance the college trail system and connect the trail network with a 40m long pedestrian bridge near Confederation College.	\$35,284.46	\$387,024.00	March 1, 2018	September 30, 2022	Ongoing
11415	City of Brockville	Road Resurfacing of Multiple Streets	This project involves concrete sidewalk/curb reconstruction, asphalt rehabilitation, and milling and hot mix paving of 8 Lane Kms of streets in multiple locations to maintain and provide safe walking and driving surfaces.	\$680,000.00	\$785,594.12	May 1, 2018	December 31, 2019	Yes
11414	Township of Sables-Spanish Rivers	Grove Street Sidewalk Replacement	The project involves the replacement of 143 m of sidewalk measuring 1.5 m wide along Grove Street in Massey.	\$40,952.24	\$81,698.01	July 1, 2018	December 31, 2018	Yes
11411	Town of Minto	Sidewalk Extensions on Toronto St and Prospect St	Extension of sidewalks in Palmerston on Toronto Street from King Street to Prospect Street, and on Prospect Street from Toronto Street to Grand Trunk Street. This project extended sidewalks to new housing area in Palmerston. It also improved pedestrian safety near a public school and a factory which is Minto's largest employer.	\$60,000.00	\$66,362.97	July 9, 2018	October 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11408	City of Temiskaming Shores	Rehabilitation of West Road	Sections of West Road from Highway 11 to the Patrol Yard (760 m), Quarry Road to Niven Street (830 m), and west of Ramsey Road (600 m) were rehabilitated by pulverizing the existing asphalt surface, grading and compacting 75 mm granular A, applying 50 mm of hot laid asphalt, and shouldering. Another section from Ramsey Road to Quarry Road was rehabilitated by pulverizing the existing asphalt surface, grading & compacting 75 mm granular A, and applying a double lift surface treatment.	\$662,992.77	\$753,355.79	June 4, 2018	July 31, 2018	Yes
11407	Town of Minto	12th Line Restoration & Rehabilitation	This section of the 12th Line is in relatively poor condition. It is subject to washouts and surface and shoulder deterioration. Gravel pits are located nearby, which use heavy trucks and are very rough on the roadway. A large retirement community near Pike Lake results in fairly heavy traffic for a rural road. Full restoration will be very costly. In 2018, urgent rehabilitation were made and a start on engineering design for a full solution was begun.	\$40,380.00	\$55,567.00	January 15, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11406	City of Brampton	Rehabilitation of Main Street South Bridge over Etobicoke Creek	The project involves the removal of superstructure, rehabilitation of existing abutments and piers, installation of new CPCI 900 girders, deck, widened deck sidewalks, parapet walls and permanent lighting systems, and relocation of utilities. Also included are new asphalt pavement, steel beam guide rails, concrete curb and gutter, pavement markings, and signage (or relocation of existing signage), supply/installation/maintenance and removal of all traffic control components and landscaping.	\$2,002,093.04	\$4,645,000.00	January 1, 2018	December 31, 2021	Ongoing
11405	City of Brampton	Road Resurfacing of Multiple Streets	The project involves the rehabilitation of deficient curb, sidewalk, storm sewers, and driveway aprons on five local roads (approximately 52.066 lane-km in length). Work also involves rebuilding and/or adjusting catch basin and maintenance hole frames/lids within the roadway. Pavement is being resurfaced with an 80-90 mm asphalt overlay, with full asphalt removal/expanded asphalt utilized when appropriate. Resurfacing extends the life of the roads for 15-20 years.	\$11,400,143.16	\$12,513,000.00	January 1, 2018	December 31, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11404	City of Brampton	Modernization of Traffic Signals	Modernization to upgrade aging traffic signals to current standards to improve safety, accessibility and the overall appearance of the intersection. Safety enhancements such as sightlines, pedestrian accessibility, and traffic signal phasing will be included in the modification of the signals. The following 5 intersections will be upgraded: McLaughlin Rd & Brookview Rd, Williams Pkwy & Royal West Dr, Williams Pkwy & Elbern Markell Dr, Clark Blvd & Walker Dr, and Vodden St East & Laurelcrest St.	\$38,016.27	\$600,000.00	January 1, 2018	December 31, 2021	Ongoing
11401	Regional Municipality of Durham	Rehabilitation of Liberty Street, Goodwood Road and Regional Road 8	Construction consists of: pulverizing (to recycle existing asphalt and increase the strength of the granular road base); adding virgin granular A; placing new base and surface asphalt, replacing three-cable guide rail with steel beam guide rail, and culvert replacements; and ditching (improving road base drainage and decreasing susceptibility to the annual freeze-thaw cycle). 15.6 lane km of roads are being rehabilitated in this project.	\$3,511,497.63	\$6,000,000.00	June 4, 2018	December 31, 2021	Ongoing
11400	City of Thunder Bay	Pavement Rehabilitation and Reconstruction	This project involves asphalt surface rehabilitation on 25th Side Rd, Toms Rd 1, Edward St and Brunswick St and paving on Tungsten St (from Central Ave to Alloy Drive) and McKellar St (from Dease St to Cameron St). The total length of rehabilitated and paved roads is 1.8 km.	\$411,180.56	\$1,051,139.00	March 1, 2018	September 30, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11395	City of Thunder Bay	Rehabilitation of Main Street Bridge	This project involves rehabilitating the bridge deck, waterproofing and paving along with pin cap, abutment and pier rehabilitation. The surface area of the rehabilitated bridge is 3,033 sq m and the length of the rehabilitated bridge is 310 m.	\$2,353,692.28	\$5,334,322.00	March 1, 2018	September 30, 2022	Ongoing
11387	Town of Oakville	Resurfacing Multiple Roads	Rehabilitation of roadway pavements to improve pavement quality, reduce maintenance costs and prolong the life of the pavement structure. Improved pavement quality promotes more efficient vehicle operation, reduces air pollution and extends the lifecycle of this key town asset. This project involves the rehabilitation of approximately 30.3 centreline kilometres (61.8 lane-km) of roadway.	\$3,500,000.00	\$9,643,000.00	January 1, 2018	June 30, 2019	Ongoing
11385	City of St. Catharines	Construction of Bicycle Lanes on Third Street Louth	Utility relocations, road widening, and road resurfacing on Third Street Louth to accommodate bicycle lanes from the South Service Road to Third Avenue Louth.	\$0.00	\$3,810,000.00	March 25, 2016	July 26, 2028	Ongoing
11384	City of St. Catharines	Third Avenue Louth Bridge Improvements	Engineering and construction services to replace the bridge and address deficiencies over Richardson's Creek on Third Avenue Louth.	\$2,245.84	\$500,000.00	September 13, 2018	June 30, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11383	Town of Essex	4th Concession and Drummond Bridge Reconstruction	This culvert is identified in our required biennial inspections as a priority for replacement with one of the Town's lowest bridge condition index ratings. Nearing the end of its useful life, this structure has extensive challenges including barrier system, curb, railing and deck failings. The project involves the replacement of the existing soil steel road crossing culvert, removal of existing pavements, erosion protection, new structure and re-paving.	\$155,247.63	\$287,788.42	April 2, 2018	December 17, 2018	Yes
11382	Town of Essex	5th Concession and McCormick Bridge Reconstruction	This structure has failing curb and gutter that requires replacement for safety improvements. This project extends the useful life of the structure.	\$114,260.87	\$114,260.87	October 1, 2018	December 17, 2018	Yes
11381	Town of Essex	South Malden Rd and 9th Concession Bridge and Culvert Rehabilitation	This structure has failing curb and gutter that requires replacement for safety improvements. This project extends the useful life of the structure.	\$60,000.00	\$64,573.35	January 1, 2018	December 31, 2018	Yes
11380	Town of Essex	14th Concession and Hyland Rd Bridge Rehabilitation	This structure has failing curb and gutter that requires replacement for safety improvements. Guiderail is also being installed to enhance public safety. This project extends the useful life of the structure.	\$76,762.16	\$76,762.16	October 1, 2018	December 1, 2018	Yes
11378	City of Windsor	Traffic Signal System Upgrades/Improvements	Traffic signal system upgrades and signal improvements at various locations within the City. We are installing new cameras and implementing adaptive signal timing to improve flow of traffic.	\$6,000.00	\$200,000.00	January 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11377	Town of Essex	Rehabilitation of 3rd Concession and Suffolk Culvert	This culvert is identified in our required biennial inspections as a priority for replacement with one of the Town's lowest bridge condition index ratings. Nearing the end of its useful life, this structure has extensive challenges including barrier system, curb, railing and deck failings. The project involves the replacement of the existing soil steel road crossing culvert, removal of existing pavements, erosion protection, new structure and re-paving.	\$22,365.32	\$602,365.32	April 1, 2018	December 31, 2019	Ongoing
11376	Town of Essex	Rehabilitation of Gore Rd from County Rd 20 to Wright Road	Gore Rd is significantly degraded between County Rd 20 to Wright Road (approximately 2.8 km). Rehabilitation of this rural two-lane road involves a cold rolled recycled asphalt process, application of a single lift of tar and chip, creation of new aggregate shoulders, and rehabilitation of driveway entrances.	\$200,058.54	\$266,690.58	August 7, 2018	October 31, 2018	Yes
11375	City of Windsor	Sidewalk Rehabilitation in Multiple Locations	Rehabilitation of existing concrete sidewalks throughout the City. Allocating funding towards this project initiative reduces additional liability claims the City is faced with and improves active transportation infrastructure.	\$0.00	\$227,000.00	March 1, 2018	December 31, 2019	Ongoing
11374	City of St. Catharines	Martindale Road Sidewalk Expansion	207 m of new sidewalk construction on Martindale Road from 120m south of Corporate drive to Hannover Dr. Additional sidewalk rehabilitation on Martindale Road between Bridge Street and the QEW.	\$8,478.25	\$190,000.00	May 18, 2018	June 28, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11366	Municipality of Morris-Turnberry	Paving of B-Line Road	Paving of B-Line Road from 250m East of Gilmour to Harriston Rd. Cty Rd 87. Segment paved is a 2 lane highway approx. 2km in length. Hot mix HL-4 was applied to the road segment and extended onto intersecting gravel roads to minimize the frequency and quantity of gravel being pulled onto the B-Line Road.	\$108,707.31	\$183,717.71	April 1, 2018	August 31, 2018	Yes
11365	Region of Peel	Construction of Regional Trail Corridor 1, South of QEW	This is a cost-shared project with the City of Mississauga to construct a 9 km long multi-use trail within the Lakeshore Royal Windsor Hydro One Corridor. The trail provides people with recreational opportunities and connections to other areas and trails in Mississauga.	\$1,980,000.00	\$1,980,000.00	January 1, 2018	December 31, 2019	Ongoing
11364	Region of Peel	Design and Construction of Multi-Use Trail on Erin Mills Pkwy from Burnhamthorpe Rd to Dundas St	This project is for the detailed design and construction of 2.0 km of multi-use trail on the west side of Erin Mills Pkwy to align with Erin Mills Pkwy intersection improvements at Burnhamthorpe Rd and Dundas St. The trail provides the public with more safe and convenient urban transportation options.	\$751.52	\$400,000.00	January 1, 2018	December 31, 2020	Ongoing
11361	Town of Northeastern Manitoulin and the Islands	Road Resurfacing of Multiple Roads	The municipality continues to improve/extend the life of the roads in the municipality by milling and resurfacing the roads to ensure the safety of the public who travel those roads. 6.90 lane km of roads are being resurfaced in this project.	\$146,151.41	\$162,294.71	July 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11352	Township of North Dundas	Rehabilitation of Nesbit Rd, Ralph St and Van Camp Rd	Rehabilitation of 3.7 km of Van Camp Rd, 1.4 km of Nesbitt Rd and 0.5 km of Chesterville Ralph St. The objective of the road rehabilitation is to improve the road condition. Hard surface roads improve gas mileage while traveling the roads, resulting in fewer green house gases (GHG) being emitted from vehicles.	\$358,104.18	\$447,488.16	June 15, 2018	August 24, 2018	Yes
11347	Town of Tillsonburg	Road Resurfacing of Multiple Streets	Partial depth resurfacing (top layer) or full-depth rehabilitation (top and bottom layers) with curb and gutter rehabilitation where needed on various streets within Town (3.35 lane km).	\$319,706.79	\$319,706.79	July 2, 2018	December 31, 2018	Yes
11346	Town of Tillsonburg	Total Reconstruction of the Bradburn Subdivision Area - Stage 1 of 2	The reconstruction of the Bradburn Subdivision area (stage 1 of 2) consists of Woodland Crescent (from North Street to James Avenue) James Avenue (from Woodland Crescent to Brad Avenue) and the entire length of Brad Avenue. The project involves the complete reconstruction of the pavement structure including new barrier curb and gutter, sidewalks, the installation of new storm sewers and catch basins, new watermain and service laterals and sanitary sewer appurtenance rehabilitation.	\$93,570.86	\$93,570.86	August 31, 2018	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11344	Township of Wellesley	Paving Manser Road from William Hastings Line to Streicher Line	Top coat paving Manser Road from William Hastings Line to Streicher Line. This project adds the top coat of pavement to the existing base coat, finishing the paving project started previously and ensuring a longer lasting surface. This road is used by the current gravel pit owners and their trucks and is also used as a by-pass from Woodstock to Alliston since it runs directly north and south.	\$129,826.63	\$130,000.00	March 31, 2017	December 31, 2018	Yes
11341	City of Brantford	Reconstruction of portion of St Paul Ave, Albion St, Wayne Gretzky Pkwy and Road Resurfacing	Road portion of full reconstruction of road and underground services on St Paul Ave, Albion St, Wayne Gretzky Pkwy as well as resurfacing of other designated roads. The need for these projects is driven by the poor condition of certain underground infrastructure. the total length of restored roadways is approximately 3,000 linear metres.	\$1,140,778.09	\$2,612,000.00	May 15, 2018	December 31, 2020	Ongoing
11339	Town of Deseronto	Resurfacing Thomas St. between Centre St. and St George St.	The project involves removing existing asphalt, rehabilitating catch basins, sanitary lids and water valves, and placing Granular "A" material and 50 mm of Hot Mix asphalt over 150.87 m of road. This will correct ongoing issues of water pooling, address pot holes and storm water issues and provide a safe clean driving surface.	\$50,000.00	\$54,173.67	October 26, 2018	November 1, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11336	City of London	Rehabilitation of Multiple Streets	Rehabilitation and reconstruction of Main St, York St, Wonderland Rd S, Hamilton/Sackville St, Egerton/King and Adelaide St (for a total length of approximately 14 lane km). This city-wide road restoration and reconstruction project involves placement of new asphalt, asphalt mat replacement, establishment of pavement markings, and work on curb, gutter and sidewalks.	\$7,239,706.52	\$12,749,163.00	April 2, 2018	June 30, 2019	Ongoing
11331	County of Bruce	Resurfacing, Drainage Improvements and Shouldering on Bruce Road 1 and 10	Improvement of 23.02 km of roads. 125 mm of recycled asphalt is being applied to Road 10G (using cold in-place recycling with expanded asphalt material), and the road is being widened to 7.31 m with 50 mm of HL3 asphalt. Culverts are also being replaced to improve drainage. 40 mm of toplift HL3 asphalt is being added to the entire length of Road 1 with 40 mm of shoulder gravel.	\$1,700,000.00	\$2,332,737.66	January 1, 2018	November 30, 2018	Yes
11330	Township of Tarbutt	Lakeshore Resurface Prep	This project was for the purpose of resurfacing a portion of Lakeshore Dr a major road in our Township. This work was necessary for safety and to prepare the road for future upgrades. The work involved resurfacing as well as ditching for drainage purpose for the base of the road.	\$25,653.49	\$50,000.00	July 2, 2018	July 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11329	Municipality of McDougall	Limberts Road Resurfacing	Approximately 1.2 km of Limberts Road is being rehabilitated. The project involves redesign of the existing road, improvement of sight lines, blasting rock to improve drainage, culvert replacement, pulverization of the existing surface, regrading roadways and driveways with new granular material and placement of a new asphalt surface.	\$172,313.67	\$215,084.01	July 1, 2018	October 31, 2018	Yes
11328	Town of Caledon	Construction of Bridges and Culverts	The objective of the project is to ensure that the Town's bridges and culverts are maintained in a state of good repair so as to maintain usability and safety. The Town has an inventory of bridges and culverts, most of which are in need of maintenance, replacement or rehabilitation. Based on the results of biannual inspections the following bridges are being repaired or replaced: Centerville Creek Road Culvert, Shaws Creek Road Culvert, Finnerty Road Culvert and Innis Lake Culvert.	\$1,205,649.61	\$2,322,235.00	March 1, 2018	December 31, 2019	Ongoing
11327	Township of Blandford-Blenheim	Reconstructing Blenheim & Twp Rd 14 Intersection	The project scope includes improving grades and sight lines by reconstructing approximately 1,125 meters of Blenheim Road north and south of Township Road 14.	\$291,778.13	\$331,072.44	February 23, 2018	October 24, 2018	Yes
11325	Township of Larder Lake	Road Resurfacing on Hwy 66 between Commissioner and Godfrey Streets	Road resurfacing with Asphalt for 0.5 KM on Hwy 66 in between Commissioner and Godfrey Streets.	\$4,070.00	\$4,070.40	September 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11323	City of Mississauga	Inspection, Design and Rehabilitation of Four Bridges	Conduct Bridge Structure Inspections on four bridges for construction in 2020: Lushes Ave over Sheridan Creek (deck area 66.28 sq m), Brookhurst Ave over Sheridan Creek (deck area 189.1 sq m), Financial Drive over Levi Creek (deck area 439.68 sq m), and the pedestrian overpass on Central Parkway East (deck area 343.2 sq m).	\$42,855.79	\$500,000.00	January 2, 2018	December 31, 2020	Ongoing
11317	Town of Essex	Paved Shoulder Work on CR 50	2.4 km of paved shoulders (1.5 m on both sides of traveled roadway) are being installed to promote safe active transportation and reduce vehicular and pedestrian conflict.	\$325,000.00	\$391,042.92	March 5, 2018	October 31, 2018	Yes
11312	Town of Essex	Maintenance on 8th Concession between Coulter and McCormick	Rehabilitation of approximately 2.5 km of significantly degraded, rural two-lane roads, involving a cold rolled recycled asphalt process, application of a single lift of tar and chip, creation of new aggregate shoulders, and rehabilitation of driveway entrances.	\$225,284.43	\$225,284.43	August 7, 2018	October 31, 2018	Yes
11311	Township of Georgian Bluffs	Resurface Concession 11 from Grey Road 5 to Sideroad 3	This project involves resurfacing Concession 11 from Grey Road 5 to Sideroad 3 (approximately 1,800 m) with a double surface treatment.	\$44,142.44	\$60,775.14	July 1, 2018	August 31, 2018	Yes
11310	Township of Georgian Bluffs	Resurface Sideroad 9 from Concession 11 to Grey Road 3	This project involves resurfacing Sideroad 9 from Concession 11 to Grey Road 3 (approximately 2,800 m) with a double surface treatment.	\$87,786.32	\$87,786.32	July 1, 2018	August 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11309	Town of Hearst	Petite Gaspesie Surface Treatment	Petite Gaspesie Road services an industrial sector where some residences are also located, with a total length of 1.9 centreline km. The road was reconditioned with surface treatment to improve the condition.	\$50,145.08	\$108,757.59	April 16, 2018	September 13, 2018	Yes
11308	Township of Georgian Bluffs	Resurface Concession 21 from Sideroad 10 to Zion Church Road	Resurface Concession 21 from Sideroad 20 to Zion Church Road. This is approximately 4100M. Concession 21 was resurfaced with a double surface treatment	\$128,544.25	\$128,544.25	July 1, 2018	August 31, 2018	Yes
11307	Township of Georgian Bluffs	Resurface Kemble Rock Road from Concession 21 to Concession 24	Resurface Kemble Rock Road from Concession 21 to Concession 24. This is approximately 2100M. Kemble Rock Road was resurfaced with a Double Surface Treatment	\$70,904.33	\$70,904.33	July 1, 2018	August 31, 2018	Yes
11305	Township of Machar	Resurfacing and Rehabilitation of Scarlett Rd	This project involves a single surface treatment to commence on Scarlett Road at the intersection of Eagle Lake Road and end at Riding Ranch Road. The surface treatment is being added on top of the current surface.	\$58,814.71	\$121,708.98	August 6, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11297	Township of Springwater	Reconstruction of Albert St E - First Phase	Phase 1 reconstruction of Albert Street East from 210 m east of Agnes Street to the dead end. Phase 1 involves installation of approximately 444 m of storm sewer and various storm drainage structures; removal of existing culverts, driveways and road base; installation of new watermain including fire hydrants, valves and services; full road construction; filling in of the ditches; construction of 470 m of sidewalk and 950 m of curb, as well as gutter and site preparation.	\$239,389.27	\$1,431,220.00	September 4, 2018	December 31, 2019	Ongoing
11296	Town of Caledon	Rehabilitation or Reconstruction of Multiple Roads	This program is for three roads totaling approximately 3km; Albert Street (James Street to John Street), Quarry Drive, Mount Hope Road (Cedar Meadows Lane to 300m South of Hunsden Sideroad). It addresses roads identified for repair through the Pavement Condition Index (PCI), traffic volumes, and in coordination with Peel Region. Work includes roadway granular padding, asphalt resurfacing, drainage, and a roadside multi-use trail.	\$846,276.96	\$2,389,319.00	April 30, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11295	Township of Mapleton	Replacement of the Bridge on Concession Rd 8 Spanning the Conestoga River	The bridge on Concession Rd 8 spanning the Conestoga River (structure MB007) was identified through the 2016 OSIM report as needing replacement. The project involves the removal and replacement of the structure - and specifically the removal of the existing concrete and steel structure and replacement with a cast-in-place reinforced concrete structure of comparable hydraulic capacity.	\$312,153.00	\$398,036.85	July 16, 2018	September 28, 2018	Yes
11288	City of London	Rehabilitation of Wenige Expressway Bridge and Highbury Ave South	Wenige Expressway Bridge spans the south branch of the Thames River and is located on Highbury Ave, approximately 550 m south of Hamilton Road. This bridge is due for a major rehabilitation as it is roughly 53 years of age with heavy traffic loading. The project is currently in the engineering stage to determine and implement the appropriate rehabilitation strategy for the Wenige Expressway Bridge, along with rehabilitation/replacement of Highbury Ave.	\$0.00	\$3,981,050.00	November 5, 2018	June 30, 2021	Ongoing
11286	Municipality of Trent Hills	Road Resurfacing at Multiple Locations	This project involves resurfacing 40.7 km of tar and chip roads as part of our annual resurfacing program. The program aims to reseal every 7 to 10 years to maintain hardtop roads.	\$401,449.44	\$451,662.65	June 4, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11285	Township of Sables-Spanish Rivers	Resurfacing Government Road, Aberdeen Street and Birch Lake Road	This project involves resurfacing paved and unpaved sections of road. The first involves the overlay of asphalt from the intersection of Queen Street and Aberdeen Street, south to Government Road and then westerly on Government Road for 400 m. The second involves placement of 6 inches of Granular A gravel on a 4 km section of Birch Lake Road from the intersection of Thaxter Road, westerly to West Lake Road.	\$229,447.83	\$229,447.83	August 1, 2018	December 31, 2018	Yes
11283	Town of Kingsville	Replacement of Bridge # 18 - Road 11 over Ruscom River	The bridge on Road 11 over the Ruscom River is being replaced. The bridge is 50 years old and was identified in the Town's Bridge and Culvert study as in poor condition and requiring replacement.	\$27,799.97	\$900,000.00	May 1, 2018	December 31, 2020	Ongoing
11282	Town of Kingsville	Replacement of Bridge #46 - S. Talbot Rd over Boose Drain	The Town is replacing the bridge on South Talbot Rd over the Boose Drain. In 2018, the Town obtained engineering services for the replacement or rehabilitation of the bridge; the bridge is 90 years old and was identified in the Town's Bridge and Culvert study as requiring replacement.	\$36,039.86	\$547,000.00	May 1, 2018	December 31, 2019	Ongoing
11281	Town of Kingsville	Replacement and Widening of Sidewalks	Replace and widen sidewalks within existing urban neighbourhoods. Older sidewalks are falling apart and present a safety risk for our residents. 1.32 km of existing sidewalks are being replaced.	\$130,476.59	\$130,476.59	June 1, 2018	October 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11280	Town of Kingsville	Division Rd S - Mill & Pave	Mill to a depth of 100 mm and resurface Division St S from Main St to Park St (a length of approximately 1,200 m) to extend the useful life of the road by 15 - 20 years.	\$744,518.26	\$1,000,000.00	February 5, 2018	May 31, 2019	Ongoing
11279	Township of Faraday	Reconstruction of Paudash Lake Road	Reconstruction of 1.1 km of Paudash Lake Road starting at 11 Paudash Lake Rd to Rabbit Trail Road. The work consists of brushing, ditching, and scarifying the existing LCB and placement of new gravel, culverts and hot mix pavement.	\$104,702.85	\$125,932.33	April 30, 2018	August 31, 2018	Yes
11278	City of Mississauga	Rehabilitation of Pedestrian Bridges at Camilla Park, Barbertown Park and the Malton Greenway	The City is rehabilitating approaches, decks and railings of pedestrian bridges at both Camilla Park and Barbertown Park. The City is also replacing two pedestrian bridges at Malton Greenway and rehabilitating the other two.	\$0.00	\$722,480.00	January 2, 2018	December 31, 2020	Ongoing
11276	Town of Wasaga Beach	River Road West Resurfacing at Birchview Dunes	Removal and replacement of surface course asphalt for two vehicular lanes and paved shoulders for 520m (11m total width) of this arterial road that carries over 16,000 vehicles per day.	\$78,845.83	\$125,758.55	September 4, 2018	October 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11274	Municipality of French River	Reconstruction and Culvert Replacement on Multiple Roads	This project involved the reconstruction of Lafreniere Road, Trout Lake Road, Mayer Road, Monetville Road and Dokis Road. Numerous culverts were replaced on the above roads. Earth excavation, application of Granular A and Granular B, and ditching and clearing works were also completed. Approximately 6.4 km were reconstructed in total. A dust control program was applied to these roads.	\$155,560.06	\$171,570.87	January 1, 2018	December 31, 2018	Yes
11273	Township of Enniskillen	Rokeby Line Road Resurfacing	The asphalt surface is being recycled and a new asphalt surface is being applied to 3.6 lane-km of Rokeby Line Road.	\$93,802.66	\$275,727.00	August 31, 2018	December 28, 2018	Yes
11271	Township of Malahide	Reconstruction of Glen Colin Line	Glen Colin Line was insufficiently wide and was in poor condition with limited drainage and a crumbling hard surface. Reconstruction of the road (for 8 km) included rebuilding the road base, adding new drainage, improving sightlines, and establishing a new hard surface.	\$100,000.00	\$605,880.00	April 3, 2018	December 21, 2018	Yes
11270	Township of Malahide	Reconstruction of Conservation Line	Conservation Line was in poor condition with limited drainage and a crumbling hard surface. Reconstruction of the road (2 km) included rebuilding the road base, adding new drainage, improving sightlines, and establishing a new hard surface.	\$100,000.00	\$216,402.00	May 1, 2018	December 21, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11269	Township of Malahide	Century Line Gravel Conversion	Century Line received road base improvements including drainage and additional gravel in preparation for hard surfacing.	\$91,487.00	\$158,050.00	May 1, 2018	December 21, 2018	Yes
11267	Township of Greater Madawaska	Resurfacing of Barryvale Road	Barryvale Road is being resurfaced from Highway 511 to the K&P Trail (4.8 km). Work involves pulverizing the existing road surface, adding granulars with a hot mix asphalt surface, and extensive ditching and grubbing to improve drainage, sight lines and safety.	\$79,149.62	\$619,177.16	April 2, 2018	October 31, 2018	Yes
11259	City of Mississauga	Installation of Traffic Calming Measures	In all cases, the City is installing speed cushions (which are basically speed humps of a slightly different design) in order to address speeding, traffic infiltration and incidences of aggressive driving behaviour on the following streets: Forestwood Drive, Havenwood Drive, Erin Centre Blvd, Credit Valley Road, Stavebank Road, Premium Way, Twain Avenue, Montevideo Road, Lorne Park Road and Heatherleigh Avenue.	\$0.00	\$200,000.00	January 2, 2018	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11254	City of Mississauga	Rehabilitation of Residential Roadways	The City resurfaced over 60 city streets throughout 2018. Examples include Alexandra Ave. from Alexandra Blvd. to Atwater Ave. (approximate length of resurfaced road – 0.8km); Stavebank Road from High Street to North End (approximate length of resurfaced road – 1.8km); Joan Drive from Hanson Road to North End (approximate length of resurfaced road – 1.0km); Kenmuir Ave. from Orano Ave. to South Service Road (approximate length of resurfaced road – 1.0km).	\$5,409,458.72	\$9,118,000.00	January 2, 2018	December 31, 2019	Ongoing
11253	Township of Huron-Kinloss	Replacement of Corrugated Steel Pipe Culverts	Replacement of one arch culvert dating 1964 and one rectangular culvert dating from 1930 on North Baseline and on Grey Ox Ave, between Bruce County Rd 1 and the Huron-Kinloss Townline at Lot 3 Concession 3-4 with corrugated steel pipe with concrete head walls at each end spanning 3.3 metres.	\$348,166.24	\$348,166.24	January 1, 2018	December 31, 2018	Yes
11251	City of Mississauga	Reconstruction of Burnhamthorpe Road East	The Burnhamthorpe Road East reconstruction involves Low Impact Development (LID), Transit Priority Lighting, curbs, sidewalks, new bus laybys, pavement markings, LID storm sewers, multi-use trail (MUT) and MUT signals from East of Dixie to the Etobicoke Creek Bridge. The reconstruction covers 1.920 km of the existing four lanes for a total of 7.840 lane-km.	\$3,174,589.51	\$6,360,000.00	January 2, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11250	City of Mississauga	Extension of Living Arts Drive to Centreview Drive	To extend Living Arts Drive to Centreview Drive (0.5 lane-km) before the construction of the LRT along Rathburn Road in order to maintain access to the downtown. LRT construction will have a significant impact on access on Duke of York, making Living Arts Drive a very important connection.	\$17,131.30	\$2,700,660.00	January 2, 2018	December 31, 2021	Ongoing
11249	City of Mississauga	Rehabilitation and Widening of Mavis Road	This project involves the rehabilitation and widening of Mavis Road. Two sections of road are being improved: a 1.28 km long stretch from 250 m south of Courtneypark Drive to 80 m north of Novo Star Drive, and a 1.22 km stretch from 80 m north of Novo Star Drive to 240 m north of Twain Avenue. In both sections, the existing four-lane road will be rehabilitated or replaced and two lanes will be added. In total, 10 lane-km are being rehabilitated or replaced and 5 lane-km are being added.	\$0.00	\$5,000,000.00	January 2, 2018	October 31, 2019	Ongoing
11248	Township of Scugog	Road Upgrades in the Town of Caesarea	Work involves ditching, cross culvert and driveway culvert replacements, driveway restorations, road base improvements, and repaving of various roads spanning an approximate length of approximately 880 m in the Town of Caesarea.	\$83,959.12	\$220,000.00	November 9, 2018	June 30, 2019	Ongoing
11246	City of Clarence-Rockland	Ditching work on Clark Road	This project involves rehabilitation of 500 m of ditches alongside Clark Rd. The work consists of subdrain installation (in ditches) along with ditch reprofiling in order to improve ditch flows to outlets.	\$75,000.00	\$197,838.35	August 1, 2018	December 21, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11243	Township of Laird	Surface Treatment of Pine Island Road, Lakeview Road and Finn's Bay Road	Pine Island Road and Lakeview Road are very busy roads that were given a third coat of surface treatment to preserve the road. Finn's Bay Road had trenches dug under the roadway which resulted in hot patching, and the third coat of surface treatment. Total length of resurfaced Pine Island Road and Lakeview Road was 4,000 m and a short 425 m on Lakeview/bridge over Bar River.	\$67,322.92	\$106,572.92	June 4, 2018	September 6, 2019	Ongoing
11242	Municipality of Northern Bruce Peninsula	Micro Surfacing Multiple Local Roads	Approx. 7.6 km of the existing tar and chip roadways on Tamarac Rd, Cherry Hill Rd, Moore St, Miller Lake Rd and Myles Dr will be rehabilitated/resurfaced with micro surface material. Micro surfacing produces a harder surface that will extend the useful life of the road section thus reducing the annual maintenance costs, improved fuel economy, and reduced fuel emissions.	\$120,000.00	\$123,261.80	June 1, 2018	June 26, 2018	Yes
11241	Township of Chisholm	Culvert Replacements on Maple Rd and Golf Course Rd	To replace two culverts in poor condition on Golf Course Road and Maple Road. The main objective of the project is to update deteriorating infrastructure, and prevent collapsing culverts, flooding, and road washouts.	\$20,000.00	\$23,000.60	June 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11240	Township of Chisholm	Hard-surfacing of Golf Course Road	Objective is to rehabilitate 1.74 lane kms of Golf Course Road as it is one of the main roads and provides access to the golf course, camping grounds and small businesses. Multiple sections of the road, where the frost heaves would happen, will be dug out and replaced with gravel. The gravel sections would then be covered with asphalt.	\$67,740.17	\$126,473.17	June 1, 2018	December 31, 2018	Yes
11239	Town of Aurora	Reconstruction of Kennedy St, Temperance St, Ransom St and Ransom Ct	Full depth road reconstruction including concrete curb and gutter, sidewalks, watermain, sanitary sewers and Low Impact Development (LID) measures that make sure the storm water saturates the ground close to where it lands instead of being gathered into storm sewers and transported a fair distance to a storm management pond. Road reconstruction includes Kennedy St from George to Yonge and all of Ransom Street, Temperance Street and Ransom Court, for a total of 0.72 km.	\$951,451.00	\$2,056,423.00	May 11, 2018	August 30, 2019	Ongoing
11230	City of North Bay	Reconstruction and Rehabilitation of Various Roads	Road resurfacing is necessary where significant deterioration of the pavement condition (i.e. surface distress and/or riding comfort) has occurred. These resurfacing and minor reconstruction projects typically involve the pulverizing or milling of the existing asphalt placement of new structure, installation of a heavy-duty binder and other minor rehabilitation to storm sewers, curb & gutter, and sidewalks. Total length of resurfaced roads is 16.51km.	\$3,540,525.00	\$3,880,108.55	May 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11229	City of Mississauga	Rehabilitation of the Tomken Road Bridge	The Tomken Road Bridge over the west branch of the Etobicoke Creek Tributary (with a surface area of 526.39 sq m) is being rehabilitated. Work involves removing and replacing bridge deck asphalt and waterproofing, unsound/deteriorated concrete and deck drains, removing and reconstructing the east and west parapet walls, removing the west sidewalk and reconstructing the cantilevered extension to accommodate the multiuse trail section over the bridge.	\$882,013.70	\$1,000,000.00	January 2, 2018	December 31, 2020	Ongoing
11224	Town of Laurentian Hills	Realignment and Rehabilitation of Josie Lane	Approximately 500m of Josie Lane was realigned to remove the travelled portion from private property. The road was also widened, pulverised, compacted and repaved with asphalt thus improving the safety of all travelling this road.	\$35,850.00	\$46,246.00	September 17, 2018	December 21, 2018	Yes
11223	City of Mississauga	Replacement of Traffic Signals at Two Intersections	Replacement of existing traffic signals (old) with new, that is, all the above and underground components of the traffic signals are being replaced at two intersections: Glen Erin Dr at Battleford Rd and Dundas St W at Mississauga Rd. In short, we are installing new signals.	\$2,149.22	\$390,000.00	January 2, 2018	December 31, 2019	Ongoing
11221	Township of South Glengarry	Upgrade of Nine Mile Road (Glen Falloch to SDG 18)	The upgrade will see the surface pulverized and paved ( 50 mm thick) with shouldering replacing the deteriorating current road surface that runs 3,500 m on Nine Mile Road (from Glen Falloch to SDG 18). It isn't a heavily populated ~ 20 households/40 driving aged residents but it is a corridor for heavy agriculture and from rural to urban Cornwall.	\$420,000.00	\$748,000.00	August 15, 2018	October 26, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11217	City of Mississauga	Rehabilitation of Cycling Trails	This project involves the rehabilitation and upgrade of 1,490 m of multi-use trails. The project involves work on a 1,025 m trail running beside Burnhamthorpe Rd W, from Wolfdale Rd to Brickstone Mews, as well as a 465 m trail running beside Rathburn Rd W from Mavis Rd to Zonta Meadows Park. Centreline and driveway crossing pavement markings as well as intersection upgrades are being implemented.	\$0.00	\$200,000.00	October 1, 2018	December 31, 2019	Ongoing
11215	Township of Ryerson	Resurfacing of Midlothian Road	Resurfacing 3.5 km of Midlothian Rd. Midlothian Rd is one of the highest volume roads in the Township and provides access to adjacent municipalities and an extensive waterway.	\$87,562.64	\$87,562.64	June 11, 2018	December 31, 2018	Yes
11214	City of Mississauga	Road Rehabilitation and Noise Walls, Traffic Calming	This project involves the rehabilitation of Tomken Rd (from Eastgate Pkwy to Eglinton Ave), Centre View Dr (from the Hwy 403 westbound off-ramp to Duke Of York Blvd), McLaughlin Rd (from Faith Dr to south of Britannia Rd), Millcreek Dr (from Erin Mills Pkwy to Aquitaine Ave), and various other streets.	\$6,052,068.47	\$11,000,000.00	January 1, 2018	December 31, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11212	Town of Ajax	Lakeview Boulevard Realignment	Realignment of 0.8 lane km of the Lakeview Boulevard as recommended by the Class Environmental Assessment (EA). The scope of work will include realigning Lakeview Boulevard along the original road alignment to the north, removal and restoration of the existing road alignment, and installation of new LED street lighting, a new cycling trail, new crosswalks and traffic calming measures.	\$164,300.00	\$2,438,600.00	April 30, 2018	August 30, 2019	Ongoing
11210	Township of Lake of Bays	Repaving of Charlie Thompson Road	Repaving the rear half of Charlie Thompson Road (1.8 km in length). This section of the roadway showing signs of deterioration, poor drainage and minor base issues. The existing surface is to be pulverized, gravel added, base stabilized and paved. The project will create a safe and smooth driving surface for many years to come.	\$115,000.00	\$312,083.00	August 6, 2018	December 14, 2018	Yes
11209	Town of Bradford West Gwillimbury	Rehabilitation of Urban Roads (SW Quadrant)	New watermain installation on Valleyview Crescent, Maurino Court, and Maplegrove Avenue. Partial depth and full depth road reconstruction on Valleyview Crescent. Road resurfacing on Maurino Court, Maplegrove Avenue, Collings Avenue, Maple Court, and Gordon Court. Sidewalk repairs and curb replacement on Valleyview Crescent, Maurino Court, Maplegrove Avenue, Collings Avenue, Maple Court, and Gordon Court.	\$1,870,411.90	\$6,186,750.00	July 17, 2018	July 30, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11208	Municipality of Chatham-Kent	Replacement of Bridge on Lindsay Road over Little Bear Creek	This project involves the replacement of the bridge on Lindsay Rd over Little Bear Creek, including the precast concrete box culvert and retaining walls.	\$0.00	\$719,000.00	October 2, 2017	January 29, 2021	Ongoing
11206	Township of Frontenac Islands	Rebuild of Spithead Circle	This project involves rebuilding 2.2 km of Spithead Road on Howe Island over three phases. This first phase involves ditching and cross culvert replacement in preparation to build up the road to be re-surfaced. The second involves application of 8 inches of Granular B and 6 inches of Granular M to the road surface. The third involves surface treatment (double and fog) of the road.	\$57,556.00	\$329,416.00	June 1, 2018	September 28, 2020	Ongoing
11205	Township of Billings	Maple Point Road Hard surfacing	Rebuilding road and hard surfacing Maple Point Road approximately 2km, 2018 preparing and hard surface 1km and 2019 complete the remaining 1km	\$32,233.00	\$68,818.00	May 1, 2018	December 2, 2019	Ongoing
11204	Township of Papineau-Cameron	Belanger Road Rehabilitation Surface Treatment	Rehabilitate approx. 5 lane km of Belanger Road with single and double surface chip seal treatment to extend the longevity of the road, and to reduce health and safety hazards such as, potholes, washboarding, wagon rutting. Replace and install road cross over culverts.	\$17,586.74	\$79,488.75	June 15, 2018	November 27, 2018	Yes
11203	Township of Papineau-Cameron	Rehabilitation of Bridge #13 on Archambault Road	This project involves removal of the existing I-beam deck over the single-lane water crossing structure, excavation, and installation of a new double culvert style water crossing structure with twin culvert sizes of 2400 mm, 3.5 m, 9 m, 5x1 aluminized.	\$44,713.73	\$44,713.73	August 22, 2018	November 13, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11202	Municipality of Chatham-Kent	Reconstruction of Elgin Street	This project involves upgrades to Elgin Street to meet future demands as part of the Western Transportation Link. Concrete curbs, concrete sidewalk and the paved road surface will be replaced and 1,325 m of PR fibre optic conduit will be installed. In addition, approximately 1,125 m of sanitary sewer, 1,361 m of storm sewer, and 1,125 m of watermain will be replaced and 8 fire hydrants will be installed.	\$396,339.92	\$4,658,008.26	May 1, 2018	December 31, 2019	Ongoing
11201	Municipality of Chatham-Kent	Total Reconstruction of Prospect Street	Total road reconstruction of Prospect Street with infrastructure replacement involved storm, sanitary, water, sidewalk. 427 m (4640 sq m) of road was reconstructed.	\$338,458.00	\$1,635,181.32	June 29, 2018	December 31, 2019	Ongoing
11199	Township of Havelock-Belmont-Methuen	Reconstruction of Multiple Streets	To update aging infrastructure to avoid possible future infrastructure failures, ensure proper drainage run off, and avoid pooling in storms and spring run off events. This project involves the reconstruction of base and surface of roads and upgrades to water, wastewater as required, sidewalks and storm sewers. Approximately 2.80 lane-km of roads are being reconstructed.	\$260,114.00	\$2,430,068.00	January 1, 2018	December 31, 2019	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11198	Township of Strong	Improvements to Various Gravel Roads	The work involves treating the roads with additional amounts of crushed granite type M (gravel) to improve the road condition. In addition, culverts will be replaced and new ones added as required, and ditching will be carried out. All efforts will be made to resolve any drainage issues that may exist.	\$88,096.57	\$370,732.00	June 1, 2018	October 31, 2018	Yes
11197	Township of The North Shore	Reconstruction of Riverview Road/Wagoosh Road	Reconstruction of Riverview/Wagoosh Rds. Riverview Road (2.8 km) is a major road leading to Rockhaven School for Exceptional Children and is travelled by school buses everyday. In the winter months, the conditions are extremely dangerous and difficult to navigate. In the summer, the road is plagued by potholes, drainage issues and rough conditions. Wagoosh Lake Road (1 km) leading to the Public boat launch is rough and overgrown and also has drainage issues.	\$28,185.96	\$28,185.96	June 1, 2018	August 31, 2018	Yes
11196	Municipality of Shuniah	Box Culvert Replacement on Scott Drive	The project involves the replacement of a culvert on Scott Drive with a larger culvert of 15 sq. m. The existing culvert is too small to effectively contain storm water passing through the area. This project is critical to prevent the roadway from washing away.	\$200,000.00	\$560,000.00	May 7, 2018	October 26, 2018	Yes
11194	Municipality of Markstay-Warren	Resurfacing of St. Jean Street	Asphalt application to approximately 950 feet to St. Jean Street. Asphalt to be HL3 mix @ 50mm, with a finish crown coat of 4%. which should represent approximately 250 tonne of asphalt paving.	\$40,702.70	\$40,702.70	July 2, 2018	October 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11193	Township of Killaloe, Hagarty & Richards	Application of Double Surface Treatment to Red Rock Road	This project involves the application of double surface treatment to a section of Red Rock Road, starting at 955 Red Rock Road and proceeding for a distance of approximately 1.8 km.	\$50,802.59	\$114,420.97	July 2, 2018	September 28, 2018	Yes
11192	Township of Tay	Construction of a Water Distribution Network and Roadwork in Grandview Beach and Paradise Point	The project entailed the construction of a new, permanent, year-round water distribution system. This system replaces the combination of private wells and a seasonally operated municipal water system, which has been decommissioned. All existing road surfaces within the area were resurfaced with asphalt. Drainage works were completed in areas of known failures.	\$313,205.65	\$6,957,653.00	September 5, 2017	June 30, 2019	Yes
11185	Township of North Dumfries	Road Resurfacing of Various Roads	6.93 km of roads were resurfaced by shaving off the top layer of the existing worn surface and placing down a new lift of asphalt. A base coat of 50 mm HL4 was applied, followed by a surface coat of 50 mm HL3 reusing existing material. Resurfacing included two lifts along with all milling operations necessary to blend into the existing asphalt, as well as cleaning and sweeping of surfaces to be paved.	\$850,000.00	\$1,124,319.45	August 13, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11184	City of Pembroke	Reconstruction of Nelson Street - Howard St. to MacKay	The project involves reconstruction of 1.4 km of roadway which runs from Howard St. to MacKay, including installation of storm sewers to eliminate ditching, replacement of existing sanitary sewer and watermains, replacement of the roadbed and paving the surface. Reconstruction is being preceded by design and all applicable due diligence studies, including geotechnical investigations, review and survey for storm sewer outfall easements.	\$31,351.48	\$7,339,445.00	January 1, 2018	March 31, 2021	Ongoing
11182	Municipality of Callander	Callander Bay Drive Road Reconstruction	The project included full road resurfacing & reconstruction from Lansdowne to Cranberry Drive for a distance of 2.1 km.	\$246,694.18	\$969,316.00	August 13, 2018	August 31, 2018	Yes
11181	Town of Ajax	Rotary Park Boardwalk	Design and construction of a new 130m boardwalk located at the eastern terminus of the Duffin's Creek pedestrian bridge, connecting the pedestrian bridge with the Rotary Park and waterfront trail.	\$77,748.81	\$1,350,000.00	May 1, 2018	December 31, 2020	Ongoing
11180	Township of Baldwin	Replacement of Hardwood Road Culvert	The existing culvert near 394 Hardwood Road is badly deteriorated and the road has been limited to one lane due to the presence of a large indent/dip in the road on the south side (eastbound lane). The culvert is being replaced with a 6' x 50' culvert to prevent collapsing and restore traffic flow on the road.	\$5,227.83	\$8,616.13	October 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11177	Township of Whitewater Region	Rehabilitation of Multiple roads	Roughly 8.8 km of roads (selected based on our Roads Needs Study) are being resurfaced. Work involves pulverizing and repaving the existing surface with both HL4 and DST. Approximately 4" of Granular A are being applied to the road surface. Various culverts are being replaced to allow proper drainage.	\$396,886.61	\$586,027.45	May 1, 2018	December 31, 2018	Yes
11175	Township of Bonnechere Valley	Gravel Applied On Township Roads in 2018	The Township of Bonnechere Valley hired a contractor to purchase and apply gravel to our roads. Gravel was applied to Rosien Road (3.2 Km), McCauley Mountain Road (2.0 Km), Boldt Road (1.5 Km) and Merchand Kearns Road (1.0 Km).	\$39,578.36	\$50,206.69	June 1, 2018	December 31, 2018	Yes
11174	Township of Bonnechere Valley	Resurfacing of Bonnechere Lodge Road In It's Entirety	Resurfacing (patching/ditching) 2.0 km (4.0 lane-km) of Bonnechere Lodge Road with single surface and double surface treatment from Ruby Road due north 2 km. The road directly services eight resident roll numbers and one private campground. On an average day, 50 to 199 vehicles use the road.	\$80,276.78	\$80,276.78	May 1, 2018	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11173	City of Pickering	Asphalt Resurfacing on Various City Streets	The proposed works include earth excavation and fine grading, grind asphalt joints, cold plane existing asphalt, supply and install granular "A" for road base, supply and install hot mix HL-3 top surface for roadways, supply and install HL8-road base, and line painting. Works on Browning Ave and Timmins Garden include final lift of asphalt and pavement markings. Total length of road resurfaced for this project is 3825 metres.	\$1,193,623.36	\$1,193,623.36	May 1, 2018	December 31, 2018	Yes
11172	City of Pickering	Sidewalk & Waterfront Trail Reconstruction & Rehabilitation Program	Rehabilitation of 2,105 m of sidewalk at 144 locations across the City and reconstruction of Waterfront Trail on Montgomery Park Road (north side) from Brock Road to Sandy Beach Road. Trail works are related to: excavation, installation of a new granular base and geogrid/geotextile; application of a new asphalt overlay for a total length of 812 m; reconstruction and widening of the existing 295.5 m sidewalk on Old Brock Rd; and installation of a new 210 m sidewalk on Church.	\$225,605.67	\$730,000.00	July 3, 2018	December 31, 2019	Ongoing
11171	City of Stratford	Rehabilitation of Bridges Crossing the Avon River	This project involves the rehabilitation of the Romeo Street and St. Vincent Street bridges crossing the Avon River. Work includes barrier and sidewalk replacement, installation of new girders, concrete rehabilitation, installation of new catchbasins and general deck rehabilitation.	\$352,633.88	\$750,000.00	May 1, 2018	December 31, 2019	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11170	City of Stratford	Reconstruction of Ballantyne Avenue	Reconstruction of 260 m of local residential road and replacement of an undersized watermain and failing storm and sanitary sewers. A grass swale and bio-retention area are included to provide stormwater quality control.	\$425,000.00	\$950,748.18	May 14, 2018	December 31, 2019	Ongoing
11168	City of Stratford	Creation of a Left Turn Lane on Lorne Avenue at Wright Boulevard	The project involves widening the pavement on Lorne Avenue for approximately 500 m to create a left turn lane at the Wright Boulevard intersection. This alleviates the chronic congestion along Lorne Avenue during peak traffic hours.	\$211,803.90	\$244,803.90	April 23, 2018	December 31, 2018	Yes
11167	Town of Bracebridge	James Street Reconstruction	Complete reconstruction of James Street from Ann Street to MacDonald Street. This collaborative project with the District Municipality of Muskoka also includes upgraded water and wastewater infrastructure. The total length of road to be reconstructed is 546 metres.	\$372,289.06	\$1,641,000.00	April 1, 2018	August 1, 2019	Ongoing
11164	Township of Morley	North Township Roads Rehabilitation	1180 cubic yards of gravel were applied to North Township Roads (Strachan Rd, Hansen Rd, Bang Rd, Berg Rd, and Split Rock Rd) to stabilize the road base. Mechanical brushing along the roads and culvert cleaning were also done to help with water drainage.	\$28,894.75	\$28,894.75	June 4, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11163	Township of Athens	Rehabilitation of Upper Oak Leaf Rd.	This project involves the rehabilitation of approximately 1.7 km of Upper Oak Leaf Rd. All debris from the entire existing road surface is being cleaned with a sweeping machine, HL3 hot mix asphalt is being placed over the existing road surface at a 40 mm depth, and 5/8 Granular M is being placed on both sides of the new asphalt for shouldering.	\$99,311.28	\$108,918.00	April 2, 2018	June 30, 2018	Yes
11161	Township of Plummer Additional	Surface Treatment on Centre Line Road and Main Street	Single course surface treatment of approximately 37,500 square metres of road surface on Centre Line Road and Main Street in the hamlet of Bruce Station.	\$41,406.24	\$111,539.35	May 1, 2018	December 31, 2018	Yes
11160	Township of Mulmur	20 Sideroad Resurfacing	Pulverized and paved. Added shoulder gravel on a 1.4 km section of 20 sideroad.	\$100,000.00	\$113,533.15	September 10, 2018	November 8, 2018	Yes
11156	Town of Cobalt	Handrailing Replacement - Lang Street	The handrail (200 linear Feet) between the elevated sidewalk and the roadway has deteriorated and requires replacement due to corrosion of the metal railings. It poses a health and safety risk to pedestrians.	\$17,116.03	\$17,116.03	August 1, 2018	December 21, 2018	Yes
11153	Town of Cobalt	Grandview Ave Pavement Replacement	The roadway required repaving after the sewer main collapsed in December of 2017, when the sewer main had to be excavated and pipe replaced. Total Distance: 5.5m x 20m	\$4,519.88	\$4,519.88	May 1, 2018	December 21, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11151	City of Kitchener	Country Hill Bridge Rehabilitation	The 2016 bridge inspection program has identified Country Hill Bridge as one of the structures that requires increased rehabilitation work to maintain the service level of the structure. The rehabilitation involves replacing or rehabilitating galvanized culvert barrels, concrete patching, replacing rotted/rotated timber rail posts, rehabilitating gabion baskets and railing with galvanizing, and routing and sealing wearing surface cracks.	\$0.00	\$168,000.00	February 1, 2018	December 31, 2023	Ongoing
11149	City of Kitchener	Construction/Replacement of Sidewalks and Pedestrian Bridges	This project is for the rehabilitation and replacement of 16,262 m of sidewalk in accordance with priority needs and upgrade of the Sandrock Greenway Pedestrian Bridge. In 2017, the bridge was closed to the public due to progressive concrete cracking. The precast structure had reached the end of its lifespan and was replaced with a weathered steel arch-truss structure using the existing bridge's foundation but widened to 3 meters.	\$1,252,398.00	\$2,756,805.08	February 1, 2018	December 31, 2018	Yes
11148	City of Kitchener	Road and Laneway Resurfacing	The project involves road rehabilitation with full depth milling and pulverizing with the removal of existing asphalt, addition of granular A road base as necessary, re-grading of the existing road, re-paving 60-100 mm of HL4 binder asphalt and 40 mm of HL3 surface asphalt, and the correction of drainage issues. In total, 15 streets will be rehabilitated with a combined length of 8,264 m and a total area of 81,977 sq m.	\$2,872,827.00	\$3,301,808.49	February 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11147	Township of Hudson	Rehabilitation of Morrow, Pipeline and Hillview Roads	Rehabilitation of Morrow, Pipeline and Hillview Roads to improve the level of service in the area, smooth traffic movement for the school buses and mail delivery. The project involves the laying of a topcoat, about five inches, of granular A gravel and spread over 3.2 lane kilometre.	\$30,220.00	\$64,071.61	August 1, 2018	December 31, 2018	Yes
11146	Village of Burk's Falls	Ontario Street Rehabilitation - Huston St to the Bridge Over Syples St	The Village of Burk's Falls is rehabilitating the main thoroughfare (Ontario Street) to improve road surfaces, sidewalks, watermains and water service connections. The last improvement to Ontario Street was conducted in 1989 and in the ensuing 30 years the road surface and sidewalks have deteriorated to unacceptable standards. The cast iron watermain installed in 1902 is also being upgraded to modern standards along with service connections to ensure the delivery of safe drinking water.	\$130,718.92	\$1,856,172.11	June 1, 2018	December 31, 2018	Yes
11143	City of Oshawa	Design & Structure Replacement of Culvert on Coates Rd W	Replacement of culvert located on Coates Road West - a 1,200 mm corrugated steel pipe - with a 30 m long, 900 mm wide concrete pipe.	\$160,000.00	\$377,000.00	January 1, 2018	December 31, 2020	Ongoing
11142	City of Oshawa	Sidewalk Slab Removal and Replacement in Multiple Locations	Removal and replacement of 1,500 m of identified deficient sidewalks throughout the City.	\$200,000.00	\$313,000.00	January 1, 2018	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11141	City of Oshawa	Sidewalk Reconstruction on Harmony Road North	Reconstruction of 1,980 m of sidewalk on Harmony Road North to be completed in conjunction with the Region of Durham road work.	\$0.00	\$202,000.00	January 1, 2018	December 31, 2021	Ongoing
11140	City of Oshawa	Preservation and Rehabilitation of Northern Roads	Rehabilitation and preservation of 9,632 m of rural roads in the northern area of the City's road network. Treatments being considered include expanded asphalt, surface treatment, slurry seal and microsurfacing as needed.	\$548,624.99	\$808,000.00	January 1, 2018	December 31, 2020	Ongoing
11139	City of Oshawa	Reconstruction of Verdun Rd & Oshawa Blvd S	Reconstruction of Verdun Road and Oshawa Blvd S from Gliddon Ave to Eulalie Ave (439 m), including grading and work on boulevards, driveways, curbs, gutters and sidewalk.	\$990,255.24	\$1,773,000.00	January 1, 2018	December 31, 2020	Ongoing
11138	City of Oshawa	Preventative Pavement Preservation of Multiple Streets	Preservation of 9,623 m of pavement involving grinding cracks in roads and placing asphalt emulsion into the crack and across the surface. Regular inspection and analysis of surface ages identifies candidates for treatment.	\$216,306.12	\$349,000.00	January 1, 2018	December 31, 2020	Ongoing
11137	City of Oshawa	Citywide Expansion of Cycling Network	Implementation of 7.3 km of on-road cycling facilities as outlined in the City's Active Transportation Master Plan with a focus on creating and expanding the connected network of facilities throughout the City.	\$0.00	\$62,000.00	January 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11135	Town of Kirkland Lake	Government Road Paving (Allen to Sylvanite)	Main focus of this project is drinking water and waste water infrastructure upgrade on Government Road east from Allen Ave. to Sylvanite Ave N. in Kirkland Lake. This project also includes the Asphalt Paving, Concrete sidewalk, curb & gutter and sidewalk construction within the scope of this project	\$372,372.00	\$984,633.22	May 7, 2018	July 8, 2018	Yes
11125	Town of Englehart	Road Rehabilitation of First Street and River Road	Both local roads had 20 year old plus pavement, and contained several large holes and bumps and were becoming a danger to local traffic. Also, transport traffic on First street has increased due to more shipments by the Ontario Northland Railway. We completely pulverized the pavement, added gravel to build back up foundation and paved the entire surface. The pavement thickness was also increased to accommodate higher traffic transport traffic to/from our local Ontario Northland Railroad.	\$96,926.94	\$185,890.00	July 3, 2018	July 6, 2018	Yes
11124	Village of Oil Springs	Resurfacing of Plank Rd South, Oil Springs Line, Kelly Rd and Gypsie Flats Rd	Four roads - Plank Rd South, Oil Springs Line, Kelly Rd and Gypsie Flats Rd - totaling 3.75 km in length - are being excavated and resurfaced. The scope of work involves pulverizing existing tar and chip asphalt, placing and compacting the granular base, placing sub-drainage along both sides of road, and placing asphalt in two lifts.	\$0.00	\$850,000.00	September 3, 2018	August 31, 2028	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11118	Municipality of Leamington	Mill Street Sewer Separation and Road Reconstruction	This project turns Mill St into a walkable destination location for uptown events, night markets, street parties, sidewalk sales and more. This encourages residents and visitors to enjoy the daily services of our uptown businesses. Traffic signals at the intersections of Mill St with Erie St and Fox St is being reconfigured. Approximately 300 m of storm sewer, 275 m of sanitary sewer, and 200 m of watermain - along with new sidewalks, benches, planters and LED streetlights - are being installed.	\$116,000.00	\$3,028,463.00	August 14, 2018	December 21, 2019	Ongoing
11117	Township of Wollaston	Highway 620 Additional Surfacing	Additional surface treatment to Highway 620 from the east end of the Township to Lower Faraday Road in Coe Hill. Project also includes single surface treatment to Wollaston Lake Road and Beach Lane (1.5km).	\$85,993.32	\$320,699.48	August 15, 2018	December 31, 2018	Yes
11113	City of Pembroke	Rehabilitation of Pembroke St E/MacKay Street Connecting Link	Project involves the rehabilitation of the surface of Pembroke St E, from Howard Street to MacKay Street, and MacKay Street from Pembroke St E to Esther St, encompassing a distance of 1.7 km in length, two thirds of which is 3-lane roadway. Also included are curb and gutter replacements along the roadway in specified areas where damage had occurred, and adjustments to the storm sewers are made.	\$79,435.32	\$782,765.32	September 28, 2018	December 13, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11111	City of Pembroke	Reconstruction of Dunlop Street	The project involves the reconstruction of Dunlop Street between MacKay Street and Maple Avenue for a distance of 200m. The work includes replacement of the asphalt surface and modification of water and sewer infrastructure in line with the new surface elevations of the roadway along with some curb and gutter replacement on Centre Street. The construction area is restored along the ditches and boulevards with the laying of top soil and sod.	\$173,175.59	\$173,175.59	May 22, 2018	June 22, 2018	Yes
11104	Town of East Gwillimbury	Asphalt Resurfacing at Multiple Locations	Work involves removing and replacing the top course asphalt and making base and concrete repairs as necessary at the following locations for a total length of 3.2 km: Pleasant Avenue, Oak Avenue, River Drive, Martin Avenue, Pine Street, Poplar Street and Old Green Lane.	\$309,843.05	\$1,055,000.00	March 16, 2018	December 31, 2019	Ongoing
11103	Town of Georgina	Bayview Bridge Refurbishment	This project involves replacing decking, sand blasting surface rust, and repainting metal components of Bayview bridge.	\$19,334.40	\$35,000.00	June 1, 2018	June 6, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11102	Town of Georgina	Reconstruction/Rehabilitation of Duclos Point Rd, Smith Blvd & Church St	Based on feedback from residents and Town Council, staff have brought forward three areas that are considered 'now needs'. Duclos Point Road requires expanded asphalt and HL4. Smith Boulevard requires Double Surface Treatment (DST) rehab and slurry seal. Church Street from Metro Road to Shorecrest Road requires a full reconstruction to an urban standard (curb and gutter). These projects will result in increased road quality and reduced road risk.	\$629,832.80	\$1,700,000.00	June 1, 2018	December 31, 2019	Ongoing
11100	Township of Nipissing	Alsace Road Project	5.4 lane km of the Alsace Road surface is pulverized and re-surfaced with a double surface treatment. Culverts included in the project area will be replaced to improve the drainage and extend the lifespan of the roadway. This will provide a safe, consistent driving surface requiring minimal maintenance and impact on the surrounding areas.	\$119,500.00	\$184,755.43	May 22, 2018	August 10, 2018	Yes
11098	Township of Perry	Culvert Replacements on Deer Lake Road, Old Government Road and Halls Road	The culverts on Old Government Road, Halls Road and Deer Lake Road are failing and replacement is necessary to maintain the integrity of the road structures.	\$116,662.18	\$161,614.05	May 7, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11097	Township of Front of Yonge	Resurfacing of Hendry Side Rd & Graham Lake Rd	These roads have been identified in our asset management plan. The work involves micro-surfacing two existing roads, which combined, are 29,280 square metres in area. This will help with the longevity of the roads. Brushing along the roadsides is necessary to open the sight line on the two roads.	\$87,653.83	\$155,727.50	June 6, 2018	December 31, 2018	Yes
11096	Town of Greater Napanee	Rehabilitation/Resurfacing and Culvert Replacement on 50 km of Local Roads	Rehabilitation/resurfacing of approximately 50 km of paved roads. Work involves scarifying/milling road surfaces, applying single and double coats of surface treatment, and replacing culverts where required. Some roads are also being pulverized and double surface treated.	\$485,520.00	\$1,400,000.00	May 1, 2017	November 30, 2019	Ongoing
11095	Township of Southwold	Resurfacing Gravel Roads at Various Locations	Granular resurfacing of low volume, unpaved roads, including sections of Plain Road, Oneida Road, Stafford Line, Fourth Line, Woodplant Road, Scotch Line, and Lake Line 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 conditions.	\$127,577.27	\$127,577.27	April 25, 2018	December 7, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11094	Township of Lake of the Woods	Resurfacing Lighthouse Rd, Mosbeck Rd, Stintzi Dr E and Stintzi Dr W	Double coat of surface treatment applied to Lighthouse, Mosbeck, Stintzi E and Stintzi W roads. The base of these roadways was previously rebuilt. This work cuts down on dust from the gravel surface, provides a better driving surface and cuts down on emissions due to more efficient travel.	\$91,886.00	\$200,000.00	June 26, 2018	December 31, 2018	Yes
11093	Township of Dawson	Resurfacing River Road	The project replaces the surface treatment on River Road for approximately 5.3 kms. This section of road had the surface treatment removed 3 years ago due to poor repair and in order to repair ditching along the east side of the road. The ditches have been repaired and reshaped previously. Double layer of surface treatment is applied to the roadway that will enhance safety and cut down on the dust from the traffic.	\$133,342.64	\$190,000.00	June 21, 2018	December 31, 2018	Yes
11092	Township of Southgate	Replacement of Two Culverts on Sideroad 75	Two culverts on Sideroad 75 (S126 and S43) are being replaced with twin 2.2 m culverts. Replacement culverts are being installed at a lower depth to accommodate the new municipal drainage works on the road.	\$0.00	\$325,000.00	June 1, 2018	December 31, 2019	Ongoing
11088	Town of Thessalon	John Fullerton Bridge Revitalization Project	The John Fullerton Bridge Revitalization Project consists of correcting an undermining/void using an unshrinkable fill material to restore full support to the slab and eliminate any underling voids, as well as erosion control.	\$2,338.51	\$20,000.00	June 1, 2018	October 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11087	Town of Thessalon	Government Road Bridge Revitalization	The Government Road Bridge Revitalization Project consists of erosion control to correct moisture adjacent to the structural steel and to prevent undermining of the approach slab(s).	\$8,193.43	\$20,000.00	June 1, 2018	October 31, 2019	Ongoing
11084	Municipality of Middlesex Centre	Asphalt Replacement of Huron Ave, Queen St and Charles St	In a continued effort to manage the Municipality's infrastructure gap, departmental administration staff recommended asphalt resurfacing of Huron Avenue from Springer Street to Queen Street, Queen Street from Railway Avenue to Ontario Avenue and Charles Street from Park Crescent to Ilderton Road.	\$173,336.56	\$1,244,283.57	June 18, 2018	December 31, 2018	Yes
11079	Municipality of Clarington	Surface Treatment of Multiple Streets	In this project, multiple roads were prioritized based on traffic volume, speed topographic, pavement condition index, winter hazards, and review of maintenance activity for pulverizing the existing surface and placing new surface treatment. The approx. length of roads resurfaced is 13.7km.	\$300,000.00	\$2,206,334.35	July 1, 2018	November 15, 2018	Yes
11078	Municipality of Clarington	Pavement Rehabilitation in Multiple Locations	The purpose of this project is to extend the life cycle of road pavement structures with asphalt overlays in conjunction with asphalt base repairs. The total length of road to be rehabilitated is approximately 11.1 km. The trail work includes cleaning up approximately 1 km of the existing limestone waterfront trail and preparing it to receive hot mix asphalt.	\$2,172,358.14	\$3,119,310.62	June 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11076	The Nation Municipality	Resurfacing Concession 19, Calypso Road and Route 700 West	Hot mix resurfacing approximately 5 km of Concession 19, Calypso Road and Route 700 West to provide safe, serviceable road pavement that maximizes sustainability. Pavement resurfacing projects improve the quality of the environment through reduced greenhouse gas emissions resulting in cleaner air.	\$371,636.94	\$592,758.64	June 7, 2018	November 30, 2018	Yes
11075	Township of Douro-Dummer	Surface Treatment of Clifford Rd, Third Line Rd Dummer, Valleyview Ave and Division Rd	Surface treatment of Clifford Road (2 km from Third Line Rd Dummer to South St), Third Line Rd Dummer (2.1 km from Caves Rd to County Rd 6), Valleyview Ave (0.2 km from Highland Ave to County Rd 4), and Division Rd (from Indian River Line to Douro 3rd Line).	\$220,000.00	\$220,000.00	June 25, 2018	December 31, 2018	Yes
11074	Municipality of Chatham-Kent	Hot Mix Resurfacing of Various Roads	Hot mix resurfacing of various local roads throughout Chatham-Kent. Roads with the lowest pavement condition index (PCI) ratings are being prioritized for resurfacing and approximately 8,000 m are being resurfaced.	\$702,044.56	\$2,190,186.37	August 1, 2018	December 31, 2019	Ongoing
11072	Town of Latchford	Pulverizing, Grading & Surface Treatment of Various Town Roads	We have pulverized and graded Sullivan Avenue, Chaput Drive, Mitchell Street, Proulx Street, Mowat Avenue, Marcotte Avenue, Hillview Street, Sullivan Avenue and Cosens Avenue. Afterwards, depending on the street/avenue, we will be either be doing a single or double surface treatment on the road depending on the need.	\$1,828.80	\$76,829.00	June 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11070	Township of Brudenell, Lyndoch and Raglan	Single Surface Treatment of John Watson Road and Guiney Road	Single surface treatment applied to a 1.0 km section of John Watson Road and a 0.9 km section of Guiney Road.	\$41,647.69	\$41,647.69	June 8, 2018	September 21, 2018	Yes
11069	County of Oxford	Cold-In-Place Recycling and Application of Hot Mix Asphalt on County Road 2	This project involves the rehabilitation of 6.5 km of Oxford Road 2, from Princeton to Rd 47. The scope of work includes pulverizing existing asphalt (Cold-In-Place), applying a new lift of 50 mm of HL4 hot mix asphalt, design, engineering, inspection and shouldering to improve ride and drainage. The project will help reduce travel times and fuel consumption.	\$1,393,245.01	\$1,444,944.63	May 1, 2018	November 30, 2018	Yes
11068	Township of East Zorra-Tavistock	Reconstruction of Woodstock Street South/Jane Street	The Township is partnering with the County of Oxford to provide full road reconstruction within the downtown core of Tavistock. The Township will be completing new sidewalks and curbs. The Township will also be placing hydro services underground to decrease health & safety risks and improve the downtown landscape. Finally, the Township will be improving street lighting to provide safer streets, modern landscapes and to encourage the public to access the downtown during the evening.	\$636,910.68	\$636,910.68	June 1, 2018	December 7, 2018	Yes
11066	Township of Stone Mills	Church and Cutler Road Resurfacing	This project will resurface both Cutler Road and Church Road and will help to mitigate future cost of maintenance and reduce green house gases by providing the traffic with a smoother surface of travel. It will also allow us to follow our asset management plan.	\$110,000.00	\$163,206.40	July 1, 2018	September 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11064	Township of Zorra	Rehabilitation of Road 64	The project is the rehabilitation of 2.3km of Road 64 between 17th Line and 19th Line. The road will be pulverized and paved.	\$194,174.76	\$194,174.76	July 2, 2018	December 31, 2018	Yes
11063	Township of O'Connor	Gravel Resurfacing - Holomego Road	Gravel Resurfacing of 1.6km of Holomego Road with application of calcium for surface stabilization.	\$16,149.26	\$21,397.32	May 28, 2018	August 1, 2018	Yes
11062	Township of O'Connor	Gravel Resurfacing - Loghrin Road	Gravel resurfacing of 1.6 km of Loghrin Road with application of Dust Control for surface stabilization and excavation along the roadway to ensure water diversion and to prevent the roadway from washing away.	\$30,726.77	\$31,473.37	May 28, 2018	October 31, 2018	Yes
11061	Township of Beckwith	McArton Road Reconstruction from Appleton Side Road to Golden Line Road	2,900 m of McArton Road, from Appleton Side Road east to Golden Line Road, is being rehabilitated. The work will include pulverizing, grading and surface treatment. This is a "town line" road and the rehabilitation of the Township's portion of this roadway is being financed by Beckwith's gas tax funding.	\$137,647.70	\$137,647.70	June 1, 2018	November 8, 2018	Yes
11060	Township of Beckwith	Lake Park Road Reconstruction from Hwy#7 to Lake Park Road East	The Township of Beckwith is reconstructing Lake Park Road from Trans-Canada Highway 7 to Lake Park Road East. The project includes pulverizing, grading, granular base, hot mix paving, line painting and residential driveway and landscaping reinstatement.	\$57,500.00	\$70,879.45	August 26, 2018	December 6, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11056	Municipality of Kincardine	Broadway Street Reconstruction between Huron Terrace and Saugeen St	Full urban construction of the existing roadway, storm sewer upgrades, curb and gutter installation, and sanitary forcemain installation.	\$345,724.00	\$1,185,476.54	April 2, 2018	December 31, 2018	Yes
11053	Municipality of Dysart Et Al	Road Rehabilitation in Multiple Locations	Rehabilitation to include culvert replacement, regrading ditches, pulverizing existing surface, regrading roadway with new granular material and new surface material. 7.5 kms of roads will be rehabilitated in this project.	\$362,770.00	\$386,432.86	June 1, 2018	October 31, 2018	Yes
11052	Township of Elizabethtown-Kitley	Kitley Line 3 Phase 2 Resurfacing	This project involves the rehabilitation of paved surface on Kitley Line 3 for 1.4 kilometres from Driver Road to County Rd 17 and 1.3 kilometers from County Rd 29 to Hughes Rd.	\$310,422.00	\$353,444.15	June 1, 2018	September 10, 2018	Yes
11051	Town of Petrolia	Road Rehabilitation of Multiple Streets	The Town is rehabilitating Eureka St, Maple St, Sycamore Dr, Juniper Cres, Catherine St, and Maude St - a total distance of 1.6 lane-km. This rehabilitation will extend the useful life of these roads and thus avoid total road reconstruction and the associated major costs.	\$293,548.00	\$360,096.00	June 11, 2018	September 12, 2018	Yes
11050	Municipality of Strathroy-Caradoc	Asphalt Resurfacing of Multiple Roads	These roads are selected from our road needs study and asset management plan. The work involves pulverising and repaving a single 50 mm lift of HL4 asphalt. About 18 to 24 tons of granular A will be used to repair some bad spots before resurfacing. The total length of roads being paved is 700 m.	\$16,308.00	\$153,774.00	July 9, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11048	Township of MacDonald, Meredith & Aberdeen Add'l	Surface Treatment of Multiple Township Roads	The project will include a single overlay of 0.6km on Maple Leaf Road East and a single overlay of 3.5km on Watson Road. All of Old Sylvan Valley Hill Road (0.3km) from Echo Lake Road to highway 638 will be pulverized then asphalted. A portion of Cemetery Road (0.2km) from highway 638 to the top of the hill will be pulverized then asphalted. The total length of road being asphalted or surface treated in 2018 is 4.6km.	\$114,029.15	\$198,345.29	July 3, 2018	December 31, 2018	Yes
11047	Town of Saugeen Shores	Sidewalk Rehabilitation & Replacement	Remove existing damaged 1.2m wide damaged sidewalk and replace with new 1.5m concrete sidewalk on Bricker & Mill Streets. Remove existing interlocking stone in Port Elgin that has settled and is a hazard to pedestrian and relay the same stone to eliminate the hazards. The total length of removed and replaced sidewalk is 780m.	\$24,000.00	\$105,000.00	April 30, 2018	December 31, 2019	Ongoing
11043	Town of Saugeen Shores	Elgin Street Reconstruction - Harbour to Brook Lane	New asphalt, a concrete barrier curb with a standard gutter, and a 1.50 m wide sidewalk are being added along the north side of Elgin Street. There is 245 m of new sidewalk. The existing sanitary sewer, including services to the property line, are being replaced with new pipes measuring 200 mm in diameter (245 m). The existing watermain is being replaced with new pipes measuring 20 mm and 50 mm in diameter. A new storm sewer along with new storm sewer structures is also being installed.	\$920.93	\$390,000.00	July 3, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11042	County of Grey	Reconstruction/Resurfacing of Multiple Roads	Resurfacing of two road sections of about 10 km with additional lift of 50 mm of hot mix asphalt. Includes catch-basin repairs/replacements and widened paved shoulders. Redesign and rehabilitation of seven road sections (approx. 35 km) as selected by our roads study & AMP. Each project includes survey, culvert replacement, pulverizing, re-grading with granular material & new asphalt surface, and also catch-basin repairs/replacement.	\$3,456,080.00	\$12,195,818.77	May 21, 2018	October 31, 2018	Yes
11035	Township of Otonabee-South Monaghan	Resurfacing of Division Road	Resurface approximately 5.6 km of roads to expand life expectancy of the infrastructure.	\$100,550.00	\$107,249.88	June 25, 2018	October 31, 2018	Yes
11034	Township of Otonabee-South Monaghan	Resurfacing of Old Norwood Road	Resurface 4.5 km of road to further the life expectancy of the infrastructure.	\$83,000.00	\$90,381.52	June 25, 2018	October 31, 2018	Yes
11032	Region of Waterloo	Removal and Replacement of Blair Bridge at the Grand River	Project work involves the removal and replacement of the Blair Bridge super structure, including the existing asphalt, sidewalk, railings, bridge deck and girders.	\$1,175,000.00	\$1,175,000.00	January 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11031	Region of Waterloo	Reconstruction of Multiple Roads	Removal of existing asphalt and granular base to be replaced with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Includes storm and sanitary sewer replacements, watermain repairs and replacements, sidewalk installation and improvements, bus shelter, right and left turn lanes, and traffic equipment installations, replacements and modernization. Approximately 9.23 km of roadway are being reconstructed.	\$9,864,843.50	\$14,275,000.00	January 1, 2018	December 31, 2019	Yes
11030	Region of Waterloo	Rural Road Resurfacing at Various Locations	Removal of existing granular shoulder and pavement widening where necessary. In place recycling and foaming of the existing asphalt. The foamed material will be placed back down for a recycled mat of asphalt. New hot mix asphalt will be placed on top of the recycled mat. Approximately 10.9 km of roadway are being resurfaced.	\$3,954,473.06	\$4,975,000.00	January 1, 2018	December 31, 2018	Yes
11029	Township of Alberton	Road Resurfacing on Multiple Locations	Application of a single lift of asphalt emulsion road surfacing treatment to approximately 18.2 double lane km of roads (Kehl, Hammond, Hill, Ducharme, East Stewart) that received their original double lift surface treatment in 2014. Part of Whitmore Road (1.7 km) is converted from gravel to hard surface. The treatment will preserve and extend the life of the road surfaces.	\$161,075.21	\$417,229.88	June 27, 2018	July 16, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11024	Municipality of Markstay-Warren	Resurfacing Kukagami Lake Road	Resurface the first 900 m of road and install a new buried drainage pipe to allow for pedestrians to walk alongside the busy road.	\$86,533.88	\$179,417.87	October 1, 2017	September 12, 2018	Yes
11023	Township of West Lincoln	Bridge 23 Deck Rehabilitation	Bridge 23 is on Boyle Rd, south of RR63. The 2013 Detailed Bridge Survey recommended complete deck and barrier improvements. This work extends the service life of the bridge by an estimated 40 years.	\$18,820.32	\$360,000.00	January 1, 2018	December 31, 2019	Ongoing
11022	Township of West Lincoln	Double Surface Treatment of Abingdon Rd	Abingdon Rd (from North Chippawa to South Chippawa Rd) was identified in the 2014 Road Needs Study as having a PCI rating of 53.8. Rehabilitation involves pulverizing and restoring the stone base and then application of double surface treatment to 1.46 Lane Km of Road.	\$66,838.08	\$74,265.00	January 1, 2018	December 31, 2018	Yes
11018	Township of Ashfield-Colborne-Wawanosh	Paving of Brindley Beach Road (Highway 21 West)	The project involves applying Asphalt Pavement to approximately 1.5 km of Brindley Beach Road, which is a gravel surface road.	\$99,243.95	\$100,000.00	July 3, 2018	July 31, 2018	Yes
11017	Township of Ashfield-Colborne-Wawanosh	Rehabilitation of Cransford Line Bridge #40	The Wing Walls which support the base and surface of the road as well as the bridge structure at the Cransford Line Bridge #40 have deteriorated and are in need of rehabilitation. The reconstruction of the supporting wing walls on the inlets to the bridge will prevent erosion of the base and surface of the road into the stream as well as reinforce the supports at the ends of the bridge.	\$32,018.00	\$70,000.00	September 4, 2018	November 2, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11015	Township of St. Clair	Oil Springs Line - Reinforce Chip Seal	Oil Springs Line from Hwy 40 to Telfer Road is identified as high priority in asset management plans. The Project involves reinforced Chip Seal.	\$225,014.67	\$390,444.00	July 2, 2018	October 12, 2018	Yes
11014	Township of St. Clair	Rehabilitation of Belmont Street in Corunna	Belmont Street in Corunna is a high priority in the Asset Management Plan. The project involves excavation and replacement of granular, curb replacement and hot mix asphalt.	\$241,302.00	\$265,217.36	July 2, 2018	October 2, 2018	Yes
11011	Town of Mono	Purple Hill Road Reconstruction (Purple, Pineview, Ashwood and Old Oak)	Construction, renewal, drainage improvements, and material enhancement to our Local roads - Purple Rd (Randy Ave to Pineview Rd), Pineview Rd, Ashwood Dr (Purple Rd to Old Oak Lane), and Old Oak Lane (along Ashwood Dr). These roads were built with a concrete surface in the early 1980s. The surface has deteriorated such that the base material requires upgrade or replacement for the final placement of an asphalt surface base coat. 1.27 km of roads are being reconstructed.	\$500,000.00	\$909,424.64	June 4, 2018	December 31, 2019	Ongoing
11010	Municipality of Tweed	Moneymore, Hogsback, Barry & Bosley Road Tar & Chip	Sections of Moneymore, Hogsback, Barry and Bosley Roads are being tar and chipped (11.3 km). A section of Victoria Street (the Connecting Link) is also being resurfaced.	\$458,575.00	\$1,912,451.49	January 18, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11007	Town of Petawawa	Achray Road Reconstruction	The reconstruction of Achray road from B-Line Road westerly 1.1 km, from Brumm Road northerly 80 m and Arlene Street southerly 80 m. Works include pulverizing existing asphalt, grading, granular padding, hot mix paving, paved shoulders, culverts, storm sewers and ditching.	\$1,080,864.03	\$1,206,113.51	April 23, 2018	August 31, 2018	Yes
11006	Township of Warwick	Rehabilitation of Birnam Road, Bond Street and Frank Street	Rehabilitation of 3 roads determined to be "F" category roads by the recent Paved Roads Study. Birnam Road, Bond Street and Frank Street being resurfaced with tar & chip to bring their standard back up to above average while introducing a new lifecycle for each asset.	\$168,390.00	\$219,667.00	January 1, 2018	November 30, 2018	Yes
11005	City of Kawartha Lakes	Urban/Arterial Reconstruction	This project is for the complete reconstruction of Helen St, Prince St, Bond St and Elgin St to urban standards (a total length of 1.872 km). Reconstruction involves all removals and trenching, construction of new storm sewer systems, watermains, and sewer mains, placement of new base material and pavement, installation of curbs, gutters and sidewalks. In addition, surface asphalt of 50 mm of HL4 was placed on Front St and Anne St for a length of 0.659 km.	\$504,769.79	\$4,851,494.00	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
11004	United Counties of Prescott & Russell	Resurfacing parts of County Roads 2, 3, 7, 8, 9, 14, 17 and 19	Projects included are portions of County Roads 2, 3, 8, 9, 14 and two sections of County Road 7, 17 and 19. All the projects consist of overlaying a lift of hot mix paving. Some locations like the two sections of County Road 17 will have the existing asphalt cold-in-place recycled prior to overlaying. The main objective of the project is to have safer and smoother roads. An approximate total of 23.5 km of roads are resurfaced.	\$3,340,587.46	\$3,682,529.90	April 2, 2018	December 31, 2018	Yes
11003	City of Kawartha Lakes	Urban/Rural Reconstruction	This project addresses reconstruction needs identified by the Roads Needs Study, and namely the complete reconstruction of Elgin St, Melbourne St, Main St, Duke St and Canal St (for a total length of 3.593 km). Reconstruction work includes replacement of the roadbed granulars and asphalt, installation of new storm sewers, and placement of new concrete curbs, gutters and sidewalks.	\$1,240,297.08	\$6,259,100.00	January 1, 2017	December 31, 2019	Ongoing
10996	Town of Cochrane	Expansion of Bike lanes through Commando Lake's Memorial Park	Expand the network of bicycle lanes into Commando Lake's Memorial Park by creating a connection between two existing cycling routes via the noted park. In order to create this connection, work will be done on pathways and a boardwalk will be installed. A total of 641.24 m of Trails/Pathways/Boardwalk will result from this project.	\$202.63	\$160,340.74	June 1, 2017	January 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10994	Municipality of Highlands East	Contau Lake Road Rehabilitation	A 3 km section of Contau Lake Road to be rehabilitated from the beginning of Contau Lake Road (at Hwy. 507) until the Contau Lake Dam. The project involves brushing along the roadway, rock ditches, install new culverts, remove the existing pavement layer, place a layer of gravel and resurface the roadway.	\$103,483.76	\$219,348.07	June 1, 2018	September 14, 2018	Yes
10988	Town of Perth	Road Resurfacing of Mill Street	Mill street was completely reconstructed in 2014 with the exception of the top coat of asphalt, which was deferred. This project involves the laying of the topcoat layer of asphalt for the 315 meters of Mill street including the supply and application of tack coat, asphalt milling, and the adjustment of Iron works.	\$0.00	\$56,240.00	June 1, 2018	June 28, 2019	Ongoing
10978	Municipality of Brooke-Alvinston	Resurfacing of Rokeby Line West of Nauvoo Road	The project aims to rehabilitate Rokeby Line From Nauvoo Road to Forest Road (approximately 10.5km) to increase productivity and safety. Deteriorated sections of road will be reconstructed (excavated and rebuilt), narrow sections will be widened, and the total length of the road from Nauvoo Road to Forest Road (10.5 km) will be resurfaced.	\$81,156.23	\$281,757.36	September 10, 2018	November 30, 2018	Yes
10977	County of Middlesex	County Road 14 (Glendon Drive) Rehabilitation	Rehabilitation of County Road 14 (Glendon Drive) from the village of Mount Brydges to the village of Appin, involving cold in place asphalt recycling, hot mix asphalt overlay, and repairs to other road infrastructure including culverts and roadside drainage.	\$3,015,870.13	\$3,530,000.00	June 4, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10976	City of Owen Sound	Rehabilitation of North Side Retaining Wall on 10th St E	Rehabilitation and resurfacing of concrete retaining wall (Chip, Patch and Seal)	\$43,050.00	\$64,117.49	September 1, 2017	December 31, 2018	Yes
10975	Municipality of Magnetawan	Resurfacing of West Poverty Bay Road and Pine Tree Road	A total of 1,500m of road will be pulverized and lifted with 75mm of quarried 7/8" A-gravel and then surface-treated with two lifts of tar and chip. The work will commence on West Poverty Bay Rd at Magnet Rd and continue on to the intersection with Pine Tree Rd and then continue NW on Pine Tree Rd to the dead end at the Magnetawan River. Will also include Bridge Road which comes off West Poverty Bay Road.	\$92,710.00	\$101,821.96	August 7, 2018	August 22, 2018	Yes
10974	Township of Melancthon	Resurfacing 2nd Line South West from 270 Sideroad to 280 Sideroad	Resurface the 2nd Line SW from 270 Sideroad to 280 Sideroad (approximately 2 km).	\$60,000.00	\$116,479.05	November 12, 2018	December 31, 2018	Yes
10973	County of Dufferin	Rehabilitation of Bridge 004-0067 on County Road 10	Rehabilitation of Bridge 004-0067 on County Road 10 in Amaranth Township, near the hamlet of Bowling Green	\$312,370.00	\$388,333.84	April 15, 2018	December 31, 2018	Yes
10972	County of Dufferin	Resurfacing of County Road 9	Resurface 3.6 km of County Road 9, in the Township of Melancthon, extending from Prov. Hwy. 10 going north-east to intersection with County Rd. 2.	\$815,000.00	\$815,000.00	April 15, 2018	November 30, 2018	Yes
10971	County of Dufferin	Replacement of Culverts on Road 109	Replacement of culvert 004-0167 and 004-0168, both on Road 109, one each on west and east of Rd 25 intersection.	\$834,330.00	\$1,356,500.00	April 15, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10970	United Counties of Leeds & Grenville	Rehabilitation of Cty Road 42 & Cty Road 15	Rehabilitation of County Road 42 from West limit of Athens to 350 meters east of Lake Street. Asphalt rehabilitation involves the replacement of road/driveway culverts, ditching, and shouldering. Rehabilitation of County Road 15 involves the replacement of culverts, ditching, pulverization of existing asphalt, granular material, grading and 50mm of asphalt to improve the ride condition on the road.	\$1,364,719.03	\$1,437,821.44	June 8, 2018	November 9, 2018	Yes
10969	United Counties of Leeds & Grenville	Reconstruction of Road 8, Elgin Main St	Urban reconstruction and storm water replacement. The reconstruction involves storm sewer, sidewalk, curb, asphalt, asphalt gutter, and parking. Approximately 1,200m of road will be reconstructed.	\$1,533,223.97	\$2,318,819.90	February 21, 2018	December 14, 2018	Yes
10967	City of St. Thomas	Talbot Street Reconstruction Phase 2 - Pearl to Mary	Reconstruction of Talbot Street (Pearl to Mary 0.31 km) involving the replacement of the existing sanitary sewers including maintenance holes, service connections and appurtenances; connections and adjustments to the existing storm sewer network; replacement of the existing watermain, including hydrants, valves, and service connections and appurtenances; reconstruction of the roadway, curb, gutter and sidewalk; streetlights; streetscape landscaping with irrigation; grading and restoration.	\$990,000.00	\$3,299,687.48	April 9, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10966	City of St. Thomas	Road Rehabilitation - Mandeville and Hepburn	Spot Repairs of 200mm sanitary sewer and private drain connections in various locations. Installation of approx. 92m of 300mmØ storm sewer, including maintenance holes and replacement of catch basins and appurtenances. Replacement of 1,300m of roadway, including curb and gutter and new sidewalk, replacement of streetlights, including the salvage of existing LED luminaries.	\$1,340,381.40	\$1,540,381.40	April 9, 2018	December 31, 2018	Yes
10965	County of Huron	County Road 87 Pavement Renewal	Pavement renewal of Cty Road 87 (12 km) involves the cold-in-place recycling of asphalt as a renewed asphalt base course with top lift of new hot-mix asphalt.	\$1,751,277.76	\$1,855,755.49	July 2, 2018	October 25, 2018	Yes
10963	Township of Tudor & Cashel	Safety Rehabilitation of Weslemkoon Lake Road from easterly intersection with Sutton Road	Proposed rehabilitation of Weslemkoon Lake Road (4.5 km) involves the removal of deficiencies being sub-standard surface width, major base surface failures, poor drainage, clear zone safety issues and roadside safety devices. Roadway will be constructed to a rural cross section and will address and eliminate the identified safety issues.	\$128,793.15	\$1,163,869.88	April 3, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10958	Township of Laurentian Valley	Reconstruction of Achray Rd	1.5 km of Achray Rd is being reconstructed. The project includes the redesign and reconstruction of the existing roadway including culvert replacements, grading of roadside ditches, pulverizing of the existing road surface, grading the roadway with the addition of new granular materials and a new surface consisting of 2 lifts of super pave.	\$8,523.81	\$308,988.79	January 19, 2017	December 31, 2018	Yes
10956	Town of Niagara-on-the-Lake	Resurfacing of Read Road	Read Road - Milling and resurfacing of a portion of the road surface with hot mix asphalt. The length of road to be resurfaced is 2,900m. Road rehabilitation projects provide safe serviceable road payments that maximize sustainability for future use.	\$85,947.63	\$196,946.32	April 30, 2018	December 31, 2018	Yes
10954	Town of Prescott	Reconstruction of Linda Street and Linda Place	Complete reconstruction of water, wastewater, storm, and road for Linda Street and Linda Place.	\$539,330.61	\$936,635.93	April 1, 2017	November 30, 2018	Yes
10952	Municipality of North Grenville	Surface Treatment of Visiting Rd from French Settlement Rd to Arcand Rd	Road surface treatment (1.2km) - slurry seal	\$66,062.06	\$66,467.69	June 1, 2018	November 30, 2018	Yes
10951	Municipality of North Grenville	Surface Treatment of Bedell Rd from County Rd 18 to Dennison Rd	Road surface treatment (2.4km) - slurry seal	\$119,297.55	\$119,297.55	June 1, 2018	November 30, 2018	Yes
10950	Municipality of North Grenville	Rebuilding Granular Base of Limerick Rd from Beulah Rd to Forsythe Rd	Gravel rebuild of granular base, both the base and sub base for base stabilization and future consideration of hard surface installation.	\$195,926.32	\$195,926.32	June 1, 2018	November 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10949	Municipality of North Grenville	Rebuilding Granular Base of Crosier Rd from Lindsay Rd to O'Neil Rd	Gravel rebuild of a granular base, both the base and sub base for base stabilization and future consideration of hard surface installation.	\$99,185.73	\$99,185.73	June 1, 2018	November 30, 2018	Yes
10943	Township of Admaston/Bromley	Resurfacing of Side Roads off Hwy 132	Rehabilitation of side roads off Hwy 132 beginning at Ferguslea Road and ending at Toms Road (40 m long by 6.1 m wide) with asphalt treatment due to the reconstruction of Hwy 132 corridor.	\$0.00	\$24,380.00	June 1, 2018	December 31, 2019	Ongoing
10942	Township of Admaston/Bromley	Reconstruction of Kennelly Road between Stone Road and Rowan Road	The stretch of Kennelly Road between Stone Road and Rowan Road (2 km) is in poor condition and requires rehabilitation. The project involves pulverization of the existing surface, regrading the roadway with new granular material, and surface treatment.	\$39,612.05	\$90,585.00	June 1, 2018	December 31, 2019	Ongoing
10937	Municipality of Middlesex Centre	Replacement of Culverts C-101/C-542/C-313	From our 2017 structure inventory inspection, Culvert C-101 has heavy visual deterioration underneath the structure and is in need of replacement with a new cast in place culvert. Culvert C-542 has accumulated significant rust and is no longer deemed safe and will be replaced by a CSP poly laminated culvert. Culvert C-313 has developed significant cracking and is due for a full replacement.	\$623,868.00	\$1,000,000.00	April 9, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10931	Municipality of West Nipissing	Rehabilitation of Multiple Local Roads	The 2018 Local Road Rehabilitation will include asphalt resurfacing on Dutrisac Road (to Promenade du Lac), Garden Village Road, Legault Road, Nipissing Street (Second to Third), Railway (Nipissing to Levesque), and Sabourin Road, east of Highway 64. Gravel road rehabilitation will include Golf Course Road, Laplage Road, Larocque Road, Sabourin Road, and Salter Street (Dutrisac to Golf Course). A total of 9.4 kilometres of roads are being rehabilitated.	\$765,852.01	\$915,626.54	May 1, 2018	December 31, 2018	Yes
10928	Municipality of West Nipissing	Replacement of Duck Creek Bridge	OSIM reports identified that Duck Creek bridge needs replacement. The steel girders are past rehabilitation; the bridge is currently posted at a reduced load. Project will include complete replacement of the current bridge structure.	\$279,341.08	\$320,849.88	June 1, 2017	December 31, 2018	Yes
10926	Town of Ingersoll	Road Resurfacing & Rehabilitation	Second coat of asphalt on 1,333 m of roads reconstructed in 2016 and 2017 including Tunis, Etna, Centre, Martha, and Concession. Rehabilitation (mill and pave) of 515 m of Mutual St. Reconstruction of 180 m of Caffyn St including new curb, gutter, sidewalk, storm and sewer.	\$292,396.93	\$351,396.93	June 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10919	Town of Fort Erie	Gilmore Rd Culvert Replacement	Gilmore and College Rd bridges and culverts are being rehabilitated or replaced due to severe deterioration, cracking, and corrosion of the decks, headwalls and sidewalls. Other works involve installing new guiderails for safety.	\$0.00	\$690,000.00	August 7, 2018	December 31, 2020	Ongoing
10917	Township of Plummer Additional	Jeffery Bridge Replacement & Duff Road Surface Treatment	Jeffery Bridge was built in 1940; it is a single span, solid concrete slab with a concrete deck which is to be replaced with 2400 mm corrugated steel pipe, complete with end walls, steel beam guide rail, geotextile and rock rip rap protection. Sections of Duff Road are scheduled for surface treatment: 800 m is to receive single course surface treatment; 500 m is to receive double course surface treatment.	\$0.00	\$362,658.47	May 1, 2017	December 31, 2018	Yes
10916	Municipality of Strathroy-Caradoc	Reconstruction of Princess/ Ellor/ Caradoc Streets	Redesign and reconstruction involves a geotechnical investigation, upgrade of curbs and gutters, and regrading and resurfacing driveway entrances. Upgrades to 150 mm watermain, replacement of 250 mm sanitary sewer, and new 900 mm storm sewer (for separation) are also being done on Ellor St and Caradoc St. A total length of 1837 m of roads are being reconstructed.	\$226,938.00	\$4,266,426.00	April 3, 2017	May 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10913	Municipality of Oliver-Paipoonge	Reconstruction and Surface Treatment of Multiple Roads	Continuing with the paved surface roads program to provide an enhanced road network with adequate drainage, a double chip seal surface will be applied to 8.73 lane kms of gravel roads. The work includes road restoration work such as ditching and the replacement of centreline culverts.	\$365,139.35	\$403,256.48	April 30, 2018	October 15, 2018	Yes
10900	Township of Stirling-Rawdon	Road Reconstruction & Culvert Replacement in Multiple Locations	Replaced culvert and storm water piping on former Highway 14 (Stirling-Marmora Road) as it was a safety concern. Surface Treated Goods Road and a portion of Demorest Road. Started the reconstruction of Springbrook Road West - this reconstruction is approximately 7 km long and includes ditching, new culverts, pulverizing existing surface, regrading roadway and driveways with a new granular material and the new surface treatment and fog seal. We have continued on with Springbrook Rd East.	\$650,000.00	\$1,649,462.89	May 15, 2017	December 31, 2019	Ongoing
10898	Township of Zorra	Rehabilitation of North Town Line	The project involves base improvements, drainage improvements and hot mix paving. Road section is from County Road 119 to Thames street north a total of 3.40 lane kms.	\$264,068.37	\$865,033.37	May 22, 2018	December 31, 2018	Yes
10896	City of Richmond Hill	Construction of Trails & Installation of LED lights	Construction of new trails and installation of LED lights on existing sidewalks and trails at eight locations across the Town.	\$37,372.00	\$597,300.00	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10890	City of Barrie	Construction of Bridges in Sunnidale Park new Dog off-leash Recreational Area	To design and construct two (2) new pedestrian/vehicular bridges in Sunnidale Park to service the dog off-leash recreational area (DOLRA). The bridges start off Coulter Street and cross the Kidds Creek tributary, from Sunnidale Road, to allow for vehicular access to the DOLRA. Also provides access to the existing SWM Pond berm for year round maintenance and emergency access.	\$41,599.10	\$414,000.00	March 1, 2015	December 31, 2019	Ongoing
10888	County of Northumberland	Rehabilitation of Local Roads	The County is completing work on County Road 10 (from 150 m north of Dodd's Road to FF#6469, a total length of 3 km) and County Road 30 (from 650 m north of County Road 29 to 600 m north of 5th Line west, a total length of 8 km). Rehabilitation involves pulverization and application of two lifts of hotmix asphalt to increase the GBE road base strength. The roads are also being widened to include bike lanes and improve drainage.	\$2,600,853.44	\$4,527,846.31	May 1, 2018	December 31, 2018	Yes
10882	City of London	Construction of Kiwanis Park Pathway Connection	The construction of this pathway completes the Kiwanis Park pathway system and continues the network of active transportation infrastructure within the City. Works involve a new pathway from south of Trafalgar Street to the existing pathway terminus. This project adds approximately 1.2 km to the total length of multi-use pathway.	\$533,247.47	\$1,207,308.00	May 5, 2017	October 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10880	City of London	Thames Valley Parkway-North Branch Connection	This project completes the Thames Valley Connection between Richmond Street North and Adelaide Street North. The project includes two new pathway bridges at Ross Park and west of the North London Athletic Fields, with the pathway north of the river connecting the bridges. This project adds approximately 1.5 km to the total length of the Thames Valley Pathway.	\$0.00	\$1,048,868.00	February 1, 2017	November 30, 2019	Ongoing
10878	Township of Georgian Bay	Chip Sealing & Microsurfacing of Multiple Roads	The project involves grinding, gravelling and application of two layers of chip seal to some of the roads. A few roads will be micro-surfaced to protect the driving surface and improve water imperviousness. Approximately 7500m (7.5 km) will be treated.	\$79,054.02	\$468,221.44	April 30, 2018	December 31, 2018	Yes
10877	Township of Woolwich	Floradale Road Culvert Replacement	Removal of the existing concrete culvert and replacement with a concrete box culvert, including approximately 200m of road work to improve sightline visibility.	\$441,489.25	\$797,630.44	January 15, 2018	December 21, 2018	Yes
10876	City of Oshawa	Replacement & Rehabilitation of Sidewalks in Multiple Locations	To remove and replace 1,250 m of deficient sidewalk slabs throughout the City as identified through annual inspections of the deteriorating active transportation network affected by cracking, heaving, asphalt patching, and ponding, and to comply with design standards.	\$0.00	\$496,000.00	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10874	Township of Tiny	Rehabilitation of Trail Bridges	The Biennial Bridge Condition Index Report notes various repairs required at selected Municipal Trail Bridges. The repairs are due to significant erosion at the abutments. The side slopes will be regraded and new river/gabion stones will be placed to prevent erosion in the future. The existing handrails will be replaced and realigned.	\$0.00	\$255,000.00	May 4, 2018	August 30, 2019	Ongoing
10873	City of Oshawa	Pavement Preservation of Multiple Streets	Filling the 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. Total 10,700 metres to be rehabilitated. Total 6,700 metres to be treated.	\$0.00	\$100,000.00	January 1, 2017	December 31, 2019	Ongoing
10872	City of Oshawa	Resurfacing & Rehabilitation of Multiple Streets	The Pavement Preservation program protects the City's road infrastructure from premature deterioration and extends its useful life. It involves removal and resurfacing of asphalt, as well as rehabilitation of deficient curbs, gutters and sidewalks to restore the quality of the road. A total of 10,700 m are being rehabilitated.	\$226,721.47	\$3,416,000.00	January 1, 2017	December 31, 2019	Ongoing
10871	Township of Tiny	Road Surface Upgrades	Road surface upgrades involves approximately 2.4 km of roads to be resurfaced in asphalt and 300m in gravel. The work involves the pulverization of materials in place, and the addition of granulars where required. The surfaces will be placed once the 2% crossfall is achieved.	\$152,747.31	\$250,287.33	June 1, 2018	December 21, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10869	City of Sault Ste. Marie	Resurfacing of Korah Road and Willoughby Street	Resurfacing of Korah Road from Wallace Terrace to Second Line and Willoughby Street from Willow Avenue to Pine Street for a total length of 1.8km.	\$0.00	\$1,571,760.00	July 1, 2017	December 31, 2018	Yes
10868	City of Sault Ste. Marie	Reconstruction of Grace Street & Franklin Street	Complete reconstruction of Grace Street (Bruce Street to Elgin Street) and Franklin Street (Henrietta Avenue to Laura Street), for a total length of 540m. The project involves the replacement of storm and sanitary sewers, watermain, pavement, curb, sidewalk and streetscaping features.	\$110,511.15	\$1,946,833.25	June 1, 2017	December 31, 2018	Yes
10864	County of Bruce	Resurfacing of Bruce Roads 9C, 9D, 9E & 86D	This project involves application of hot mix, including a paved shoulder on Road Section 9C, micro-surfacing on Sections 9D and 9E. Urban resurfacing of 86D as well as some road reconstruction (640m) including storm sewer and drainage improvements. A total of approximately 21 km (42.1 lane km) of road is improved.	\$716,042.51	\$2,177,109.10	July 4, 2017	December 31, 2018	Yes
10859	Township of Guelph/Eramosa	Third Line Resurfacing	The project consists of resurfacing a surface treated rural road of approximately 4.6 km length with 55 mm of hot Mix asphalt. The pavement condition is poor and local residents have expressed concern about the danger of loose asphalt. Also, the businesses located on the road will benefit from improved customer access.	\$366,164.73	\$366,164.73	March 5, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10857	Township of Norwich	Slant Road Reconstruction	5.9 km of Slant Road is rehabilitated with some sections receiving a pulverize and pave while other sections a partial depth reconstruction. The project will result in sections of road currently at a road condition rating of 3.0 upgraded to 8.0 or above.	\$341,474.00	\$576,426.71	June 20, 2018	June 26, 2018	Yes
10856	Township of Tyendinaga	Resurfacing of Local Roads	The project involves resurfacing of Old Highway, Blessington, Slash, Read, Harmony, Marysville, Shannonville.	\$527,000.00	\$650,000.00	July 1, 2018	August 31, 2018	Yes
10855	Town of New Tecumseth	Intersection Improvements - 10th Side Road & 6th Line	Design and construction of intersection improvements to address poor sight lines and road geometrics at the intersection of 10th Side Road and 6th Line.	\$29,822.34	\$134,400.00	June 1, 2017	October 31, 2021	Ongoing
10852	Town of Orangeville	Pedestrian Crossing Signals & Trail Connection - Hwy 10 and Fifth Avenue	The friends of Island Lake in conjunction with Credit Valley Conservation (CVC) continue to construct a new trail way on the east side of Highway 10 as part of the Island Lake Trail. A signal controlled pedestrian crossing is required across Highway 10 to assist trail users to safely cross the highway in east-west direction.	\$0.00	\$12,060.00	July 1, 2017	December 31, 2019	Ongoing
10850	County of Perth	Resurfacing Perth Line 72 Donegal	Pulverize existing asphalt, add 2 lifts of asphalt on Perth Line 72. Project is 8.1 km in length from Highway 23 east to the Donegal curves.	\$1,030,605.38	\$1,030,794.38	June 1, 2018	September 30, 2018	Yes
10849	Town of New Tecumseth	Resurfacing of 15th Side road between the 5th & 7th line	Resurfacing of the 15th Side road between the 5th and 7th line. The current road segments are surface treated and will be capped with 2 lifts of asphalt.	\$0.00	\$647,275.60	June 1, 2017	June 29, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10848	Township of Wellesley	Paving Streicher Line from Lichty Rd to Line 116	The Township of Wellesley will be paving the existing gravel surface of Streicher Line from Lichty Rd to Line 116. This project will include ditching, culverts, paving, line painting, shouldering and signage.	\$250,665.90	\$500,000.00	April 16, 2018	December 31, 2019	Ongoing
10846	Township of Adjala-Tosorontio	Rehabilitation of 5 Sideroad Adjala	Design, granulars and drainage work on 5th Sideroad in Adjala from Concession Road 2 West towards the Mono-Adjala-Townline.	\$20,386.34	\$98,228.00	January 2, 2018	December 31, 2020	Ongoing
10843	Region of Niagara	Resurfacing of Multiple Roads	This project involves grinding out and repaving the asphalt surface of 19 km of road throughout the Region. Thirteen road sections are being resurfaced. This work will restore road surfaces to their original state and help prevent further pavement deterioration.	\$3,415,000.00	\$9,500,000.00	January 1, 2018	December 31, 2018	Yes
10835	Township of Minden Hills	Resurfacing of Brady Lake Road	Single surface treatment and cold mix, cold laid overlay of Brady Lake Road from the intersection with Hwy #18 to One Mile Drive.	\$196,566.24	\$330,380.59	July 16, 2018	December 31, 2018	Yes
10832	Township of Essa	Design & Reconstruction of King Street - Auburn Street to Cross Street	Work for the urbanization of King Street from Auburn Street to Cross Street. Construction entails the urbanization of approximately 450 metres with new storm sewer installation, new road subgrade, and construction of new curb, sidewalk and asphalt.	\$50,928.40	\$800,000.00	August 1, 2017	August 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10825	City of Kenora	Coker/Bailey Bridge Rehabilitation	The project consists of the removal of the current 33.5m bridge and the provision of a new structure that will remove the current 20 tonne load limit restriction avoiding a detour on less desirable roads and allow fire trucks and heavy vehicles to use Coker Road. Coker Road is the primary road servicing the locality. The bridge replacement will make the water crossing safer. The construction of the new bridge will be consistent with the capacity of the current structure and traffic volumes.	\$85,425.49	\$1,650,000.00	May 1, 2018	October 31, 2019	Ongoing
10819	Region of Niagara	Reconstruction and Embankment Stabilization of Regional Road 63 (Canborough Rd)	To address slope stabilization issues and failures with embankment stabilization work, and to address pavement condition issues with road reconstruction. The bank stabilization involves the installation of a double pile wall (142 m long) running parallel to the Welland River. This project also involves the full reconstruction of 1.4 km of RR63 (Canborough Rd), including bike lanes.	\$164,271.74	\$3,035,000.00	January 1, 2018	December 31, 2023	Ongoing
10815	Town of Gravenhurst	Reconstruction of Kilworthy Rd	The reconstruction consists of earth excavation, placement of granular 'A' and granular 'B', double surface treatment, drainage improvements (i.e., ditching and culvert replacements), and mechanical brushing of approximately 0.64 km of Kilworthy Road from Joy Road to McCormick Road to Southwood Road	\$156,481.62	\$684,000.00	June 1, 2018	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10813	Town of Niagara-on-the-Lake	Resurfacing of Four Mile Creek Road between East and West Line Road and Hunter Road	Four Mile Creek Road - resurfacing the existing road will see the platform expanded from a 6m wide platform to a 10m wide platform. The expanded platform will include a paved shoulder. The length of road to be resurfaced is 1,000m. Road rehabilitation projects provide safe serviceable road payments that maximize sustainability for future use.	\$240,669.34	\$506,617.50	June 4, 2018	October 31, 2018	Yes
10809	Town of Niagara-on-the-Lake	Reconstruction of Anne Street & Tanbark Road	The project works consist of storm sewer installation, minor water system alterations, water main replacement, sidewalk installation, and road reconstruction which will include road base excavation, curb installation, gutter installation and asphalt placement. Approximately 640 m of roads will be reconstructed together with 640 m of storm sewers and 565 m water mains.	\$205,913.00	\$855,000.00	April 30, 2018	December 31, 2019	Ongoing
10808	County of Peterborough	Reconstruction of CR 12 and CR 504/620A; Douglas Bridge Rehabilitation	1.0 km of CR 12 from CR 1 to 1000 m West and 1.2 km of CR 504 & CR 620A in downtown Apsley has pavement and drainage issues along road corridor; reconstruction of rural section includes excavation, granulars to increase GBE strength & 50mm HMA overlay.  Rehabilitation of the Douglas Bridge; project includes rehabilitation of the existing structure including deck, curbs, concrete post and rail barrier and pavement rehabilitation for the road approaches.	\$1,747,662.00	\$2,427,800.10	April 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10807	Region of Waterloo	Reconstruction of King Street from Ion tracks to Central Street	Replacement of existing asphalt and granular base with new granular material and hot mix asphalt from the Ion Tracks to Bridgeport and onwards to Central Street to provide a safe and serviceable road. Work includes the replacement of underground piping (storm sewers, sanitary sewers, watermain & underground utilities), reconfiguration of the travel lanes, new segregated bike lanes, wider sidewalks, street lights, landscaping etc. over a total project distance of approximately 650m.	\$487,085.68	\$7,112,000.00	January 2, 2017	December 31, 2019	Yes
10801	Region of Peel	Construction of sidewalks in Multiple Locations on Highway 50	Construction of 825 m of sidewalk on Highway 50 between Patterson Side Rd and Munro St, as well as on Highway 50 between Zimmerman Dr and the TRCA Palgrave Forest Entrance to promote pedestrian traffic in these areas.	\$185,226.99	\$386,045.00	January 1, 2017	December 31, 2019	Ongoing
10799	Region of Peel	Implementation of Dixie Road Bikeway between Rometown Dr. and Lakeshore Rd.	Pavement markings and signage to implement Dixie Road Bikeway between Rometown Dr. and Lakeshore Rd.	\$0.00	\$200,000.00	January 1, 2017	December 31, 2019	Ongoing
10796	City of Hamilton	Resurfacing and Rehabilitation of Multiple Roads Bruleville, Stipley, Red Hill etc.	This project involves the resurfacing of residential streets in the Red Hill (South), Stipley (South) (Main to Cannon), Bruleville (North), Yeoville & Sherwood neighbourhoods (a total length of 172.94 lane-km). The work includes curb and sidewalk repairs, mill and overlay of asphalt surfacing, and base asphalt repairs.	\$1,759,736.44	\$15,854,000.00	January 1, 2017	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10795	City of Hamilton	Reconstruction & Rehabilitation of Multiple Roads	Resurfacing and reconstruction of approximately 7.74 km of road. Work involves stripping existing asphalt to existing granular base, planing asphalt 40 mm thick and 600 mm wide, excavating, supplying and placing Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement, removing the median island and rehabilitating part of the road.	\$4,498,582.10	\$14,239,000.00	January 1, 2017	December 31, 2020	Ongoing
10794	City of Hamilton	Replacement of Bridge 452 - Centennial Pkwy	Replacement of bridge 452 on Centennial Pkwy. Project scope includes bridge replacement, construction of new piers and superstructure and associated road reconstruction. The existing bridge structure has become deficient and is in need of replacement in order to reduce the risk to public safety while maintaining continuity of the road network. This project is in coordination with GO Transit, CN Rail, road, water and sewer works.	\$47,749.70	\$100,000.00	January 1, 2017	December 31, 2020	Ongoing
10791	County of Essex	Resurfacing of County Roads 8, 18, 20, 46, 11, 15	The project consists of recycling and resurfacing 18.8 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 road.	\$2,267,127.38	\$3,284,819.91	April 3, 2018	December 28, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10784	Township of South-West Oxford	Rehabilitation of Salford Road (Culloden to Dereham Ln)	<p>Pulverize and pave this road with additional work along this stretch to fix any drainage, culverts and hills.</p> <p>During the construction of the Hwy 19 bridge over Hwy 401, this road was used as an detour route, causing a significant amount of wear and tear. This stretch is part of the 15 year capital plan and fits within our asset management plan.</p>	\$136,641.98	\$345,000.00	May 1, 2018	August 30, 2019	Ongoing
10781	Township of South-West Oxford	Rehabilitation of Dereham Line (Mt Elgin Rd to McBeth Rd)	Dereham Line from Mt Elgin Rd to McBeth Rd (3 km in length) shows wear and tear with numerous potholes, cracks and edges deteriorating. The maintenance cost for hot patching this section is very costly and the 15 year capital plan shows that this road is to be considered for pulverizing and paving.	\$202,824.08	\$321,416.12	June 27, 2017	June 29, 2018	Yes
10773	City of Vaughan	Design and Construction of Sidewalks on Rivermede Rd and Basaltic Rd	Design and construction of sidewalks on the south side of Rivermede Road (from Keele Street to Rayette Road) and Basaltic Road (from 220 Basaltic Road to Planchet Road). Sidewalk installation supports the completion of a pedestrian link as per the approved 2012 Pedestrian and Bicycle Network Master Plan and Green Directions Vaughan Objective 3.1 (to develop and sustain a network of sidewalks, paths and trails that supports all modes of non-vehicular transportation).	\$23,993.98	\$256,300.00	March 1, 2017	December 31, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10764	Township of Carling	Reconstruction of West Carling Bay Road	West Carling Bay Road has significantly degraded between Highway 559 and Alves Road. With a new Community Centre set to be built fronting onto this road, the road is being upgraded to asphalt, with a safer exit to the community centre. An improved roadway with a significant reduction to a hill approaching the community centre is necessary for public safety. Widening is also required for pedestrian/recreational traffic.	\$238,687.55	\$697,452.71	April 9, 2018	October 30, 2018	Yes
10760	Town of Grimsby	Rehabilitation of Multiple Streets with Hot & Cold Mix	Rehabilitation of asphalt emulsion surface treatment (tar & chip) surfaces to protect the road structure from more costly reconstructions and to improve rideability and safety of the road surface. Also includes hot mix asphalt spot padding prior to surface treatment and base repair, milling and hot mix asphalt overlay. Rehabilitation and replacement of curbs and culverts are being performed as required. The total length of roads being rehabilitated is 6.6 km.	\$208,840.81	\$751,716.77	January 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10754	Township of Central Frontenac	Replacement of Elm Tree Rd Bridge	Elm Tree Road Bridge was originally constructed in 1925. In our 2015 OSIM report many facets of the structure and abutting infrastructure were identified as "severe". Full structure replacement was recommended within 1-5 years as the abutments were undermined and the railings were in a state of disrepair. The Township moved forward with installing a new box culvert with concrete railings and guardrails to enhance safety measures.	\$283,187.44	\$479,346.82	September 1, 2017	December 31, 2018	Yes
10749	Township of Uxbridge	Resurfacing of Local Roads in Multiple Locations	Franklin, Parkside and Ewen Rd - grind existing top course pavement & repave. The Ashworth Rd. - salvage granular road base for reuse, pulverized & stabilize the base with an asphalt overlay. South Townline - pulverize & resurface with double surface treatment & slurry seal. The total length of Roads to be resurfaced is approximately 5.13 km.	\$476,194.34	\$739,596.90	May 1, 2018	December 31, 2018	Yes
10748	Village of Oil Springs	Oil Springs Line Asphalt Replacement	Engineering and subsequent work of asphalt replacement on 500 meters of Oil Springs Line, from Oil Heritage Road to Elizabeth Street. Work includes removal of existing asphalt; removal and replacement of two catch basins and leads; removal and replacement of Granular base material determined to be insufficient; regarding Granular "A base and shoulder; construction of new asphalt; and construction of new driveway aprons	\$22,423.07	\$294,955.50	April 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10746	Township of Algonquin Highlands	Road Rehabilitation of North Shore Road from Highway 35 to St. Peters Road	North Shore Road will be rehabilitated from Highway #35 heading in an easterly direction 3.7 kilometers to the Intersection of St. Peters Road. Work will consist of brushing, ditching, selective culvert replacement, pulverizing and the addition of base gravels. A double surface treatment followed by fog seal will complete the work.	\$150,000.00	\$418,135.48	March 7, 2018	October 1, 2018	Yes
10744	Haldimand County	Surface Treatment of Gravel Roads	Part of the granular road conversion program to convert road sections from gravel. The scope includes drainage works, granular base improvements and surface treatment of Gibson Road (Link Road to end), various segments of Wilson Road, Singer Road (from Indiana Road to end), and Dunnville Townline Road (from Caistorville Road to Highway 3). Total length of all segments is approximately one kilometre.	\$518,183.91	\$756,700.00	May 31, 2018	December 31, 2021	Ongoing
10742	Town of Aurora	Henderson Dr Sidewalk Rehabilitation and Drainage Improvements	Improvement of sidewalk and boulevard drainage on Henderson Drive, from the Tamarac Trail to Poplar Crescent, to avoid water pooling and icing in the winter. Work involves moving 1.06 km of sidewalk closer to the street (on the south side only) to address drainage issues behind the existing sidewalk.	\$0.00	\$410,000.00	September 8, 2017	December 30, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10738	City of Orillia	Reconstruction of Dufferin Street - Colborne St. W. to Barrie Rd.	The project involves the reconstruction of Dufferin Street to a curb and gutter standard complete with a new sidewalk on one side and replacement of underground servicing. The project involves replacing deteriorated infrastructure, increasing the width of the narrow street and upgrading the substandard sidewalk.	\$0.00	\$2,200,000.00	January 1, 2017	August 31, 2019	Yes
10737	City of Orillia	Reconstruction of Queen Street West	The project involves the reconstruction of Queen Street West from West Street to the end to a curb and gutter standard. It involves partial replacement of the underground sanitary sewer, installation of a new watermain and installation of a multi-use trail. This street services Orillia's new recreation facility and allows for the redevelopment of an adjacent under-utilized commercial area.	\$0.00	\$1,500,000.00	January 1, 2017	July 1, 2020	Ongoing
10735	City of Orillia	Highway 12 Widening - West Ridge to Hwy 11	The project involves improving traffic flow in a busy commercial corridor - specifically, adding second turn lanes at three locations, modifying traffic signals at two intersections, and related road reconstruction to accommodate realigned roads.	\$350,000.00	\$5,335,000.00	January 1, 2017	August 31, 2021	Ongoing
10727	Norfolk County	Main Street - Chapman to Greenock, Port Dover - Phase 3 of 3	Road, water and sewer upgrades. Complete reconstruction, storm, wastewater, water main, road granulars, curb & gutter, sidewalk, asphalt, topsoil and sod. To be completed in conjunction with Greenock Street and McNab Street.	\$0.00	\$1,744,720.93	January 31, 2017	March 30, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10725	Haldimand County	Resurfacing of Munsee St N from Talbot St to Indian St - Cayuga	Project involves milling 60mm of asphalt and placement of one lift of asphalt on approximately 850m of road. Project identified through 2007 Roads Needs Study.	\$232,261.58	\$390,000.00	May 31, 2018	December 31, 2019	Ongoing
10715	Township of Hamilton	Reconstruction of Kennedy Road from Burnham Street to Jamieson Road	The road reconstruction project on Kennedy Road from Burnham Street to Jamieson Road involved a complete removal of the previous paved surface and excavation of all sub-standard road base materials. New granular material was placed along with new curbs, gutters and storm sewers to replace the previous open ditches. A watermain for future use was constructed and the final cross-section also included a 1.5 metre wide multi-use paved boulevard in the residential portion of Kennedy Road.	\$0.00	\$1,875,838.96	July 10, 2017	September 27, 2018	Yes
10711	City of St. Catharines	Merritt Street Bridge Rehabilitation	Merritt Street bridge rehabilitation including the replacement of existing deteriorated railings on bridge and approaches.	\$171,363.84	\$171,363.84	May 12, 2017	December 31, 2018	Yes
10709	Town of Halton Hills	Rehabilitation of Mountainview Bridge	The scope of this project is to provide engineering work to support the rehabilitation of the bridge. This project allows the Town to provide safe and reliable transportation infrastructure and ensures the existing road network continues to function properly. The planned rehabilitation work extends the overall life cycle of the bridge.	\$48,000.00	\$1,335,000.00	May 5, 2017	November 30, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10708	Town of Halton Hills	Sinclair Multi-use Path Construction	The scope of the project is the installation of a new multi-use path between Armstrong Ave & Guelph Street. This project will support active transportation connectivity in the area.	\$24,916.36	\$116,227.07	May 5, 2017	December 31, 2018	Yes
10707	City of St. Catharines	Rehabilitation/Reconstruction of Dunkirk, Cushman and Dieppe Roads	The project involves the removal of the grade separation and the existing bridge structure, built in 1963 at Dunkirk Rd / Cushman Rd, due to its poor condition and the bad roadway/intersection configuration. After the removal of the bridge structure, Dunkirk, Cushman and Dieppe Roads (approximately 0.25 km or 250 m of road) are being rehabilitated/reconstructed to improve roadway condition and intersection/roadway safety.	\$0.00	\$1,110,000.00	September 4, 2018	July 30, 2022	Ongoing
10705	Town of Halton Hills	Reconstruction of Armstrong Avenue	This project involves the reconstruction of 1.3 km of Armstrong Ave to an urban standard with new multi-use paths. This includes new curb and gutter, new storm sewer including a water quality treatment unit and 1.3 km multi-use path on the north side to support active transportation.	\$0.00	\$3,413,353.66	May 5, 2017	October 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10704	City of St. Catharines	Pelham Road Bridge Design and Rehabilitation	Rehabilitation of the existing three-span bridge structure that was constructed circa 1966, which consists of a concrete slab on precast pre-stressed hollow core girders. The rehabilitation involves patching of the reinforced concrete overlay/deck; waterproofing and paving of the bridge deck; concrete patch repairs to sidewalks, substructure and soffit; replacing expansion joints; and construction of new parapet walls.	\$7,359.80	\$1,823,000.00	September 1, 2017	July 30, 2021	Ongoing
10701	City of Clarence-Rockland	Rehabilitation of Multiple Bridges (2018)	The objective of this project is to repave the approach surface of the Tucker bridge; repair concrete at bridge soffit and repave asphalt deck of North Indian bridge; repair and install end treatment and a deck barrier to the Bearbrook bridge overflow.	\$98,764.44	\$98,764.44	March 1, 2018	December 20, 2018	Yes
10699	City of Clarence-Rockland	Replacement of Culverts on Lacasse Rd and Baseline Rd	The objective of these 2 project are as follows: 1- Lacasse Rd: Replace two (2) existing 1800mm dia. Corrugated Steel Pipe, 6.0m long culvert along with 1900mm X 2100mm X 13.0m long concrete box culvert extension with a (1) 2700mm dia. X 25.3m structural plate Corrugated Steel Pipe complete with polymer coating. 2- Baseline Rd: Replace existing 1500mm dia. X 36.8m long Corrugated Steel Pipe with one (1) 1500mm dia. X 36.8m CSP complete with polymer coating.	\$457,738.72	\$457,738.72	March 1, 2018	December 21, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10697	Town of Marathon	Road Resurfacing - Hemlo (Steedman to LaVerendrye)	One of the areas identified in the 2012 Road Resurfacing Plan. The Pavement Condition Rating is 42.8% and the Road Class is 4 [the municipality has three classes - 3 for thoroughfares, 5 for residential side streets and 4 for all others]. Allowance will be made for proper drainage and the surface will be paved to 60mm thickness with new HL4 asphalt to MTO standards.	\$368,070.85	\$588,805.69	January 8, 2018	December 31, 2018	Yes
10690	Town of Orangeville	Rehabilitation of Broadway - Diane Dr to C Line	The Roads Needs Study has identified Broadway to be a priority due to the surface condition of the lanes in both directions. The work involves removing and replacing the top course of asphalt and rehabilitating the structures. Completion of this project will increase financial and operational efficiencies while improving and extending the life of the Town's infrastructure.	\$266,030.00	\$311,000.00	June 1, 2018	December 31, 2019	Ongoing
10686	County of Lennox & Addington	Rural Road Resurfacing of County Roads 1/2/4/15/41 (2018)	Project scope includes rural road surface and base rehabilitation with paved shoulders, drainage improvements and roadside safety device upgrades on County Roads 1/2/4/15/41 (a total of 9.5 kms). This project will also include a new asphalt surface with a new paved shoulder ranging from 1.2m to 1.8m. The paved shoulder will reduce maintenance costs and provide a safer environment for cyclists and other active transportation methods.	\$1,332,134.35	\$5,589,646.06	June 4, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10685	Town of Orangeville	Bythia Street Reconstruction- Town Line to Princess	The Roads Needs Study identified this section of Bythia Street to be a priority road due to the poor condition of the road surface and the structural rating of the road. The water and sewer mains have reached their life expectancy and are in need of replacing. This requirement has been identified by the Asset Management Plan. Completion of this project will increase financial and operational efficiencies while improving the Town's infrastructure.	\$0.00	\$560,580.49	April 1, 2017	December 31, 2019	Ongoing
10684	City of Thunder Bay	Renewal of Cycling/Pedestrian Pathways on Top of Boulevard Lake Dam	Improvements to the cycling/pedestrian pathways across the top of the dam. Water structure also ensures a lake area which is used extensively for recreation and manages water flows during storm events.	\$16,917.38	\$197,114.00	March 1, 2015	September 30, 2023	Ongoing
10683	Municipality of Charlton and Dack	Road Resurfacing & Culvert Replacement in Multiple Locations	Approximately 3 km of mostly rural roads - namely Palmateer Road, Brentha Road, Suttons Road, Sprucegrove Road and Tenth Road - were resurfaced. Work included culvert replacement, re-ditching, and regrading roadways with new granular material and new surface material.	\$49,049.20	\$49,049.20	April 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10681	Town of Hearst	Reconstruction of Front Street between 6th & 15th Streets	Front Street is part of the TransCanada highway with traffic at nearly 10,000 AADT. The connecting link was severely rutted and beyond its useful life. MTO reports listed the road as poor. The upgrade included 250mm of crushed granular material and 150mm of MTO-spec SP19 and SP12.5 asphalt. New signal lights were also installed to meet the current standard for traffic signals.	\$250,744.66	\$3,310,685.38	January 1, 2017	December 31, 2018	Yes
10676	Township of Perth East	Road 140 Reconstruction	Reconstruct Road 140 from Line 76 to Line 72A.	\$206,163.91	\$250,454.18	July 20, 2018	October 31, 2018	Yes
10675	Township of Perth East	Line 47 Surface Treatment	Pavement preservation surface treatment of Line 47 from Perth Road 107 to Road 101	\$106,211.17	\$129,028.56	June 1, 2018	October 15, 2018	Yes
10674	Township of Perth East	Line 67 Surface Treatment	Pavement preservation surface treatment of Line 67 from Perth Road 131 to Perth Road 121	\$60,728.21	\$73,774.48	June 1, 2018	September 28, 2018	Yes
10667	Town of Newmarket	Queen St. Reconstruction- Millard Ave. to Lorne Ave.	Full road reconstruction including: road, sidewalks, watermain, sanitary sewer, storm sewer, and a large cross-road culvert.	\$907,852.00	\$2,331,858.00	July 3, 2017	December 31, 2018	Yes
10666	Town of Newmarket	Road Resurfacing - Carlisle St, London Rd, Main St North	These roads surfaces are being reconstructed as they are at the end of their useful life and need to be resurfaced to smooth traffic and mitigate risks related to bad road conditions. Total road length is approximately 6.8 km.	\$1,015,348.00	\$1,886,783.00	August 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10665	County of Wellington	Reconstruction of Wellington Road 51, Wellington Road 7 to Highway 6	This project involves the complete reconstruction of Wellington Road 51 between Highway 6 and Wellington Road 7. Also included are drainage improvements, culvert replacements and curb and gutter.	\$176,817.51	\$3,400,000.00	January 25, 2018	December 31, 2019	Ongoing
10664	County of Wellington	Resurfacing of Wellington Road 50 between the Third Line and Wellington Road 24	This project involves resurfacing 5 km of roadway and drainage improvements. The project is located on Wellington Road 50 between Wellington 24 and the Third Line of Erin.	\$278,099.30	\$5,425,000.00	January 25, 2018	December 31, 2020	Ongoing
10663	County of Wellington	Gordonville Bridge Replacement	This project involves the design and replacement of the Gordonville Bridge, including upgrades to the road approach.	\$2,110,930.81	\$2,600,000.00	January 25, 2018	December 31, 2019	Ongoing
10660	City of Kingston	Waterfront trail on Bath Road between Collins Bay Road and Bayridge overpass	Creation of a 3 m wide separated and dedicated multi-use trail (pedestrian and cycling) on Bath Road between Collins Bay Road and Bayridge overpass.	\$1,050,007.61	\$1,495,304.00	January 1, 2017	December 31, 2019	Ongoing
10658	City of Owen Sound	Brooke Basin A-3 Master Plan & Replacement/Rehabilitation of Culverts	Municipal Class EA for Brooke Area Storm Drainage Basin A3 prior to rehab/replacement of the deficient structures. A concrete reinforced box culvert(load posted), two deteriorated corr. steel pipes, a concrete culvert/bridge remnant in poor condition on 6th Ave W at 21st St W are being replaced. A concrete reinforced culvert and storm sewer inlet on 19th St W between 4th Ave W & 5th Ave W are being rehabilitated and partially replaced. The storm sewer drains easterly and discharges into the bay	\$7,000.00	\$775,000.00	January 1, 2017	December 31, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10657	Town of Milton	Bridge and Culvert Rehabilitation	This project is for design and construction work to address minor rehabilitation needs for various bridge and culvert (over three metres) assets in accordance with the 2014 Municipal Infrastructure Inventory and Inspection/Bridge Needs Study. Work involves the rehabilitation of Chisholm Drive Bridge (No. 50), Number 20 Side Road Bridge (No. 60), Eighth Line Bridge (No. 68) and Number 15 Side Road Bridge (No. 73).	\$350,113.00	\$574,053.00	January 2, 2018	December 31, 2020	Ongoing
10656	Town of Milton	Yates Drive (Bennet to Thompson) Rehabilitation	Geotechnical investigations conducted in 2015 indicated that the subgrade for this segment of Yates Drive is in poor condition and requires reconstruction. The reconstruction consists of granular base, asphalt surface, subdrain and curb replacement. The reconstruction method is designed to minimize the requirement for utility relocations and ensure that construction staging minimizes impact to traffic and nearby residents.	\$536,369.00	\$786,058.00	January 2, 2018	December 31, 2020	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10655	City of Cornwall	Traffic Signal LED Replacement	<p>This project is for the replacement of LED lighting in 16 intersections. Work involves replacing LED traffic signal heads that have reached the end of their useful lives. The LED program has rendered annual energy savings in excess of \$70,000 per year.</p> <p>This project also involves the upgrade of two existing traffic signals to address aging infrastructure. Two intersections were upgraded and a pedestrian crossing was installed.</p>	\$0.00	\$610,405.98	January 1, 2017	December 31, 2018	Yes
10653	City of Cornwall	Bicycle Path Asphalt Overlay	In this project, 2,700 m of bicycle path are being built from Optimist Park to Virginia. The bicycle path extension provides a loop in the network to promote active transportation. Also included is the rehabilitation of 3,383 m of existing bicycle paths throughout the City.	\$126,897.69	\$688,936.25	June 26, 2017	December 31, 2018	Yes
10652	City of Cornwall	Asphalt Resurfacing Multiple Locations	Overlay of 5.0 km of asphalt in poor condition throughout various locations in the City. The project included arterial, collector and local roads. The primary project location (Power Dam Dr) included widening the road to construct 1.4 km of bike lanes. Work also included 1,030 m of curbs, and 1,200 m of sidewalks in conjunction with road resurfacing.	\$350,307.72	\$2,345,435.93	August 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10649	Township of Alfred and Plantagenet	Curb Replacement on St-Philippe Street	Replacement of the curbs provides a better barrier between the road surface and the sidewalk for the safety of pedestrians and guides surface water towards catch basins. The existing curb is being removed and approximately 900 m of curb are being replaced with a 32 MPa concrete barrier curb. The new barrier curb is being poured and the side of road and back of curb are being reinstated with HL4 Hot Mix.	\$271,649.64	\$331,672.36	May 15, 2018	November 30, 2018	Yes
10646	Township of Alfred and Plantagenet	Paving of Concession 1 Road	Concession 1's road surface conditions have deteriorated to a point where we cannot maintain a safe road surface. Pulverizing, reshaping and paving the road's surface provides a smoother surface and improves fuel economy while also reducing vehicle emissions. The project reduces greenhouse gas emissions by reducing road maintenance on that specific location. Project length is approximately 2,300 m long by 8.3 meters wide.	\$309,848.75	\$365,168.08	May 15, 2018	September 15, 2018	Yes
10642	Township of Edwardsburgh/Cardinal	Resurfacing Brouseville Rd from Safford Rd to County Rd 22	Brouseville Road is being resurfaced from Safford Road to County Road 22 (2.8 km).	\$130,000.00	\$361,080.22	June 19, 2018	August 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10637	City of Thorold	Upgrades to Towpath Road ( Sullivan to Albert)	This project converts a local road in the downtown area from a rural cross section to an urban cross section, thus installing a more durable road that will sustain increased loading from buses and other heavy vehicles in the area. In the process of installing the curbs and sidewalks the City is also better controlling storm drainage and installing a bus layby to provide better accessibility for transit users.	\$243,604.31	\$300,000.00	June 1, 2017	November 22, 2018	Yes
10634	Town of Oakville	Pedestrian Crossover Signal Upgrade	Conversion of a Pedestrian Cross Over (PXO) signal with a more advanced Integrated Pedestrian Signal (IPS) to improve the safety factor at the pedestrian cross over point of Lakeshore Road and Devon Road.	\$192.00	\$46,012.00	January 1, 2017	December 31, 2018	Yes
10632	Municipality of Hastings Highlands	Resurfacing of Multiple Roads	The municipality is applying new gravel to identified sections of the following roads: Church Road (1 km), Circle Road (1.1 km), Elgin Road (1.5 km), Frantz Road (2.3 km), Hammond Road (0.7 km), Koss Road (0.1 km), Lutheran Church Road (0.1 km), McCahon Road (0.7 km), Bowen Road (1.2 km), Bowers Point Road (2.3 km), Brethour Road (5.5 km), Forest View Road (3.2 km), Jogi Road (0.6 km) and Rangers Road (0.6 km).	\$210,742.39	\$269,500.00	June 1, 2018	November 30, 2018	Yes
10631	Region of Halton	Road Resurfacing of Ford Drive	Road resurfacing on Ford Dr. from Royal Windsor Dr to QEW, approximately 5 km, with the removal of asphalt and replacement with new hot mix asphalt.	\$0.00	\$10,830,217.00	January 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10627	Township of Wellington North	Repair of Bridge 2042 on 2 Line	This project is for the rehabilitation of the existing bridge on 2 Line between Sideroad 13 and Sideroad 15. Work involves the removal and replacement of existing asphalt to expose the concrete deck, rehabilitation of the deck, deck edge, and abutment across the 3.1 m span, and construction of temporary berms and diversion pipes to facilitate the rehabilitation.	\$74,143.57	\$77,435.15	December 13, 2017	December 31, 2018	Yes
10626	Township of Wellington North	Replacement of Bridge 2025 - Concession 6 S	Project involves the replacement of the existing rectangular culvert bridge with a span of 4.2 m on Concession 6 South between Sideroad 9 West and Sideroad 10 West. Work involves design, removal of the existing structure, and replacement.	\$250,915.83	\$250,915.83	March 14, 2018	December 31, 2018	Yes
10625	Township of Wellington North	Repair of Bridge 2004 on Sideroad 3 East	Project involves the replacement of the existing rectangular culvert bridge with a span of 4.3 m on Sideroad 3 E between Highway 6 and Concession 8. Work involves design and replacement using twin corrugated steel pipe arches with concrete cut-off walls at the pipe ends, with stream and road widening to facilitate the structure change.	\$121,140.87	\$124,337.97	December 13, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10624	County of Simcoe	Rehabilitation of Tioga Bridge (County Rd 13)	The Tioga Bridge is to be rehabilitated in 2018. This bridge was built circa 1968 and is located on County Rd 13, 0.54 kilometers south of Tosorontio Sideroad 17. The concrete slab on precast I girder bridge carries 2 lanes of traffic across the Pine River. The existing bridge has an exposed concrete deck that has numerous pot holes making the driving surface uneven. The scope of work for the proposed rehabilitation will include removal of the deteriorated concrete and patch with concrete.	\$106,163.31	\$106,163.31	May 1, 2018	December 31, 2018	Yes
10623	County of Simcoe	Cold in Place Recycling (Roads 27 & 169)	The asphalt is cracked, rutted and deficient. This project resolves the deficiencies.	\$1,322,335.62	\$2,784,994.62	May 1, 2018	December 31, 2018	Yes
10622	County of Simcoe	Rehabilitation of a County Road (2018)	The asphalt is cracked, rutted and deficient. This project resolves the deficiencies. We are completing rehabilitation work on one County Road. The work includes expanded asphalt recycling, two lifts of hot mix asphalt, pre-shouldering, culvert relining, shouldering and reinstatement of all driveways. New steel beam guardrail and end treatments are also being installed.	\$1,563,403.45	\$1,563,403.45	May 1, 2018	December 31, 2018	Yes
10621	County of Simcoe	Microsurfacing on Various County Roads (2018)	Microsurfacing the existing surface of various County Roads to increase the life expectancy and increase the friction to improve pavement safety. We are completing the work on 6 different County Roads.	\$1,806,133.27	\$1,806,133.27	May 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10618	Region of Halton	Realignment of RR 25 at Lower Base Line Intersection	The project involves construction works related to the realignment of Bronte Road (Regional Road #25) at Lower Base Line in the Town of Milton and the Town of Oakville.	\$0.00	\$4,128,000.00	July 21, 2015	December 31, 2020	Ongoing
10617	Township of Black River-Matheson	Asphalt Shave & Pave on Multiple Streets 2018	These roads are selected from our road needs study and asset management plan. The work involves pulverizing and repaving 646 m of road (with a total area of 4,522 sq m) with a single lift of 50 mm of HL4. About 18 to 24 tons of granular A are being used to repair some bad spots before resurfacing. A grader is being used to achieve the 2% cross fall before paving to give the road good drainage which helps with longevity.	\$146,500.00	\$170,310.60	June 11, 2018	December 31, 2018	Yes
10614	Township of Centre Wellington	Rural Road Reconstruction - Eramosa/WG Townline - Third Line WG to Fifth Line WG	This project involved returning full rural gravel road back to asphalt paving. In November of 2011, this road had been turned back to gravel because of safety concerns. The improved drainage and road profile provides a safer, more durable road design.	\$361,407.45	\$361,407.45	January 1, 2018	December 31, 2018	Yes
10613	Township of Centre Wellington	Full Street Reconstruction - St Andrew St, Tom St, & West Mill St	This project encompasses full urban street reconstruction, involving sanitary and storm sewer improvements as appropriate. The current road surface has exceeded its service life, and the pavement upgrades offer a safer more durable road design.	\$800,200.00	\$2,696,000.00	January 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10612	Separated Town of Gananoque	Total Reconstruction of Maple & Osbourne Streets	Maple Street South and Osborne Street (approx. 300m) to be fully reconstructed. The project will include redesigning and reconstruction of existing roadways, including geotechnical investigation, topographic survey, replacement of sanitary sewers, storm sewers, water mains, domestic services, concrete curb and gutter, concrete sidewalks, roadway granulars, and base and surface course asphalt.	\$658,283.62	\$2,019,800.00	May 7, 2018	December 31, 2019	Ongoing
10611	Municipality of Lambton Shores	Bradley Ave & Prince St Road Reconstruction	This project consists of road reconstruction - as well as waterline and storm water improvements - along Bradley Ave and Prince St in Forest. This project replaces and resurfaces existing assets.	\$297,956.66	\$297,956.66	May 1, 2018	December 31, 2018	Yes
10610	City of Kingston	Construction of Cataraqui Woods Drive from Sydenham Road to Andersen	Construction of Cataraqui Woods Drive from Sydenham Road to Andersen	\$710,307.53	\$5,858,751.00	January 1, 2017	December 31, 2019	Ongoing
10609	City of Kingston	Replacement and Reconstruction of Concrete Sidewalks in Multiple Locations	Design and construction of 1,526 m of new sidewalks. The new sidewalks are in locations that did not have sidewalks and were identified as high priority due to the proximity of schools/parks with high pedestrian use and along roads with high traffic volumes. The work also consists of topographical survey, re-grading of the existing boulevard or granular shoulder, installation of catch basins and/or culverts with road widening, and new roadside curb installations.	\$35,405.42	\$1,723,789.00	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10608	City of Kingston	Pavement Repairs Various Locations	Pavement preservation – Project work involved detailed road network inspection and prioritization resulting in repairs and improvements of 16,000 square meters of road surface to extend service life. Work involved asphalt milling and re-paving of the identified areas resulting in improved overall condition and vehicle ride. These areas we identified as high priority due to the road condition and the volume of traffic.	\$889,760.57	\$2,557,288.00	January 1, 2017	December 31, 2019	Ongoing
10606	City of Thunder Bay	Road and Stormwater Infrastructure Renewal on Crescent Ave.	Crescent Ave is being resurfaced, and street lights, sidewalk and storm water infrastructure are being replaced. 550 m of road is being reconstructed, including replacement of the asphalt surface, addition of curb and gutter, and replacement of 475 m of sidewalk. Underground wiring is also being installed as part of the replacement and upgrade of streetlights. The existing municipal storm sewer is being extended by 46 m to improve road drainage and address nearby yard drainage concerns.	\$0.00	\$902,915.00	March 1, 2017	December 31, 2019	Ongoing
10605	City of Thunder Bay	Wardrope Ave Road Rehabilitation & Sidewalk Replacement	Renew 2.4 km of two lane roadway on Wardrope Ave from Balsam to Hilldale Road, both base and surface. Work requires the removal of existing asphalt surface, placing new granular material and 2 lifts of asphalt pavement. Also minor ditch cleaning to improve surface water drainage and the replacement of 1.4 km of sidewalk with a multi-use trail.	\$22,016.94	\$1,250,909.00	March 1, 2017	September 30, 2021	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10604	City of Thunder Bay	Road Reconstruction: Empire, Frederica, Kelly and Mary Sts.	Replace approximately 1.3 km of roadway surfaces as required by condition rating assessments. Renew related curb and gutter infrastructure to improve storm water flows. Replace signal and streetlights as well as sidewalks where condition ratings indicate that work is required to be done.	\$143,649.60	\$1,162,735.00	March 1, 2017	September 30, 2021	Ongoing
10603	City of Thunder Bay	Road Reconstruction: Black Bay, Cumberland, Dawson, Fortune, MacDougall	Surface repair and replacement and associated sidewalk, curb and lighting maintenance attached to street segments as required by capital plans. About 7.7 lane-km of streets are being resurfaced with fresh asphalt. This project also involves creating additional curb cuts and auditory alerts at pedestrian crossings to meet AODA requirements.	\$293,671.81	\$5,643,101.00	March 1, 2017	September 30, 2021	Ongoing
10600	City of Thunder Bay	Rebuild High Street and Cornwall Street	Significant work is required to reduce issues of visibility and roadway stability in the area of High Street and Cornwall Street. Engineering assessment has identified a risk that the upper roadway could collapse if there is a significant storm event. Base and surface replacement are required as is the renewal of a retaining wall which supports Cornwall Street.	\$705,534.96	\$2,429,917.00	March 1, 2017	September 30, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10597	Municipality of Huron East	Replacement of Culverts at Hensall Rd and Centennial Rd	The culvert located on Hensall Rd 0.5km South of Centennial Rd (T24) and the rectangular culvert located on Centennial Rd 0.5km West of Hensall Rd (T25) will be replaced. T24 is a pipe arch culvert with an area of 66m <sup>2</sup> . T25 is a cast in place concrete culvert with an area of 43.4m <sup>2</sup> , where footings are exposed with deck concrete delamination. The 2012 OSIM Bridge inspection report has recommended replacement of both structures in 1-5 years.	\$138,742.52	\$138,742.52	January 1, 2018	December 31, 2018	Yes
10596	Township of Evanturel	Kap Kig Iwan Park Road Rehabilitation	The project is the rehabilitation of the Road to safely accommodate pedestrian, cycling and vehicular traffic. 1,000 m of road were sufficiently widened with the main project components being geotechnical investigation, public notice, ditching, culvert replacement, frost tapers, road widening, pulverizing of existing hard top, and application of aggregate.	\$0.00	\$316,552.00	July 1, 2017	December 31, 2018	Yes
10595	Town of Ajax	Bayly/Westney LED Streetlights and Trail Replacement	Relocation and replacement of street lighting with LED lighting and replacement of the existing sidewalk with a multi-use trail at the southwest corner of Bayly Street and Westney Road.	\$0.00	\$140,000.00	March 1, 2017	June 30, 2019	Ongoing
10594	Town of Ajax	Design and Implementation of New Bicycle Lanes	Design and implementation of on-road bicycle infrastructure along 8 km of existing roads to expand the bicycle network. Implementation includes pavement markings, wayfinding signage, regulatory signage, and route identification signage.	\$0.00	\$123,100.00	March 1, 2017	December 3, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10589	City of Pickering	Road Reconstruction: Timmins Gardens & Boxworth Place	Proposed works include a new granular base, new base asphalt, and a new concrete curb and gutter with continuous perforated PVC sub-drains. Other related works include spot repairs/replacements of existing storm sewer system, modifications to Boxworth Place internal radius curb median, and complete boulevard restoration to all areas affected by construction (fine grading and sodding where required), and road line painting and signage as required.	\$0.00	\$485,711.76	July 3, 2017	December 31, 2018	Yes
10586	City of St. Catharines	Design & Replacement of Culverts at Various Locations	This project involves the replacement of the 3 existing culverts and creek reinstatements at 3 sites within the City of St Catharines. The City is replacing the culverts at these locations under one construction contract. The work involves the replacement of the culverts, all associated creek restoration work, and headwall and retaining wall works, any underground utility relocation work, underground infrastructure restoration or replacement	\$38,766.66	\$2,890,000.00	September 1, 2017	November 30, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10578	Township of Asphodel-Norwood	Road Resurfacing of Multiple Roads	The scope of work for these projects includes the preparation of approximately 3.1 km of road (ditching, widening, culvert replacements, re-graveling, re-shaping, re-grading and the placement of a double lift of surface treatment). The double lift of surface treatment is a class 2 aggregate in a 150 high performance emulsion. These projects ensure the Township's road network is sustainable as well as addresses a health and safety risk in the area.	\$128,709.71	\$130,914.25	May 1, 2018	October 31, 2018	Yes
10575	County of Oxford	Cold-In-Place Recycling and Hot Mix Asphalt on Multiple County Roads	Resurfacing 11.65 km (25.02 lane-km) of road. Work involves pulverizing existing asphalt using cold-in-place recycling and applying a new lift of 50 mm of HL4 hot mix asphalt on Oxford Roads 3 and 15. Work also involves pre-milling with disposal of existing asphalt and application of a new lift of 75 mm of HL4 on Oxford Road 12. Roads were selected from the roads need study and in conjunction with the County Asset Management Program.	\$2,690,000.00	\$3,116,993.88	May 1, 2018	November 30, 2018	Yes
10571	City of Welland	Rehabilitation/Replacement of Sidewalks	Replacement of sections of sidewalk throughout the City according to their condition as assessed by City staff. Following staff inspections, 55 m of designated defective sidewalks are being rehabilitated throughout the City. Locations include King Street, Merritt Street, Elgin Street, Dunkirk Road and Plymouth Road.	\$11,674.13	\$195,171.00	September 14, 2017	October 26, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10570	Municipality of Mississippi Mills	Resurfacing and Rehabilitation of Multiple Roads	Rehabilitation of Ramsay Concession 7A (from north of Drummond Rd to Rae Rd), Concession 12 Pakenham (from Panmure Rd to Kinburn Side Rd), and Old Perth Rd (along Ramsay Concession 4A), totaling about 7.9 km. The project work includes pulverizing the existing road, grading of 180 mm of granular B and 150 mm of Granular A, subgrade upgrades, road resurfacing of double surface treatment and widening the road from 6.1 m to 6.5 m.	\$394,474.08	\$1,046,744.14	April 2, 2018	December 31, 2018	Yes
10569	City of Welland	Reconstruction of Memorial Park Drive & Gaiser Road	The project entails the upgrade and urbanization of Memorial Park Drive infrastructure from Ontario Road to the existing urbanized portion of Memorial Park Drive south of Daisy Street as well as the reconstruction of Gaiser Road in the Sparrow Meadows subdivision in the area west of South Pelham Road. The approximate length of reconstructed roads would be 2.1 km.	\$117,757.50	\$850,000.00	May 25, 2017	November 30, 2018	Yes
10568	City of Welland	EA & Reconstruction of Aqueduct Street North	The project involves an Environmental Assessment (EA) for the Aqueduct Street North area to determine the feasibility and needs required to urbanize the roadway. A 690 m stretch of Aqueduct Street North from Thorold Rd to Niagara Street is being resurfaced, along with sidewalks and the rehabilitation of cast iron watermains and water lateral services.	\$637,017.30	\$2,152,799.00	March 17, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10566	City of Welland	Buchner Road Urbanization and Intersection Improvements	Buchner Road improvements encompass urbanization and intersection improvements necessary for the new GE plant. Urbanization of the roadway involves the conversion of open ditches to storm sewers, and the addition of curb and gutters to the roadway from Highway 140 to the west end of the new GE plant. The total length of road affected is 1,210 m.	\$0.00	\$750,000.00	July 3, 2017	October 31, 2019	Ongoing
10565	County of Lanark	Rehabilitation of CR #17, CR #8 and CR #16	Rehabilitation of County Road (CR) #17 PWRM from CR11 (River Road) to Beckwith 9th line, CR8 Watsons Corners Rd PRDST from Dalhousie Lake Bridge to 6th Concession Dalhousie, and CR#16 Wolgrove Road PRWM from Tatlock Road to Lanark 12th Concession.	\$1,805,598.80	\$2,437,154.00	May 1, 2018	September 7, 2018	Yes
10563	Town of Goderich	Road Reconstruction - Gibbons St. and Cambridge St	Reconstruction of Gibbons Street from Britannia Road to Raglan Street (230 m) and Cambridge Street from Huron Road to Maple St (430 m). The scope of the project includes new watermain, sanitary and storm sewers with new granular materials, curbs and a new asphalt surface for both locations.	\$250,000.00	\$1,842,000.00	April 2, 2018	October 31, 2018	Yes
10562	Township of Wellington North	Arthur - Charles St. E / Leonard St Reconstruction and Engineering Design	Charles St. E is slated to be fully reconstructed. This project rehabilitates 0.35km of road and subterranean infrastructure, including replacing a 150mm cast iron watermain. The new road section has new asphalt, granulars, curbs and gutter, and sidewalk topside that meets current Township standards and levels of service.	\$291,188.04	\$980,000.00	June 1, 2017	June 30, 2019	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10561	Municipality of Meaford	Resurfacing of Local Roads	The scope of this contract 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 totaling 13 kilometres, within the Municipality.	\$0.00	\$1,153,138.00	July 26, 2017	December 31, 2018	Yes
10556	Township of Scugog	Rehabilitation of Williams Point Road & Jack Rabbit Run	Williams Point Road is being rehabilitated between 26 and 166 Williams Point Road (300 m) and Jack Rabbit Run is being rehabilitated between 9 and 135 Jack Rabbit Run (700 m). The project involves pulverization of the existing surface, changing a cross culvert and driveway culverts, ditching, addition of granular A, grading and compacting to the road base and repaving the surface through the s-bend. Driveways are being rehabilitated in kind if disturbed.	\$33,082.69	\$400,000.00	September 26, 2017	December 31, 2018	Yes
10552	Town of Hanover	Sidewalk/Blvd Reconstruction on 7th Ave. from 12th to 16th St.	1,200 m of Sidewalk (1,800 sq m), 1,120 m of Blvd (670 sq m) and 70 m of retaining wall (700 sq m) will be rehabilitated during the reconstruction of 7th Ave from 12th St to 16th St.	\$50,234.48	\$2,530,000.00	May 21, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10549	Town of Smiths Falls	Design & Signalization Upgrades at Lombard & Abbott Streets	Design & signalization upgrades at the intersection of Lombard & Abbott Streets, a key intersection with significant volume of traffic at the junction of two major arterial roadways on provincial connecting link corridor (Hwy 15). Intersection upgrades involve the main controller, electrical supplies, & detection systems + upgrades to pedestrian signals to more modern count down timers, a southbound right turn lane to Abbott St, LED lights & tactile markings to meet accessibility requirements.	\$20,815.00	\$65,000.00	March 2, 2018	June 30, 2019	Ongoing
10548	Town of Smiths Falls	Redesign & Rehabilitation of Beckwith Street between Chambers and Russell Streets	Beckwith Street is the main arterial road in downtown core & connecting link with Hwy 15 corridor. The road surface has not been renewed since 1980 & the underground infrastructure has aging components dating back to 1899. The redesign and rehabilitation includes installation of new watermain (203mm), new storm (300mm-650 mm), lining of existing sewers, sidewalk, LED streetlights & traffic signal upgrades. This project will make our downtown more accessible & inviting to residents & visitors.	\$68,715.72	\$120,778.00	March 5, 2018	June 30, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10543	Town of Smiths Falls	Rehabilitation of Beckwith Street Old Lock Bridge	The Town of Smiths Falls is rehabilitating the Old Lock Concrete Rigid Frame Structure (a 340 sq m superstructure) on Beckwith Street South between Confederation Drive and Lombard Street. The old lock structure requires extensive bearing, girder and concrete deck replacement along with expansion joints, associated barrier walls, waterproofing and Asphalt replacement.	\$212,637.00	\$1,776,499.78	March 1, 2018	March 31, 2019	Ongoing
10539	City of Dryden	Sidewalk & Curb Replacement	Dryden has 28.4 km of sidewalk and 130.1 km of curb. More than 10% of this is more than 40 years old and far past its useful life. Safety of pedestrians continues to be the core focus of the sidewalk rehabilitation program. This project (2017-2023), will replace ~2,940 sq. m. of concrete sidewalk, ~140 sq. m. of unistone sidewalk, and ~280 sq. m. of concrete curb.	\$98,039.00	\$475,000.00	August 1, 2017	December 31, 2023	Ongoing
10535	Township of Wilmot	Milton and Byron Street Reconstruction	Improvements to the road network on Milton Street (Huron Street to Shade Street) and Byron Street (Waterloo Street to Milton Street) involve replacing the storm sewer system, watermain, sanitary forcemain, sidewalks, granular road base, asphalt surface, concrete curb and gutter.	\$612,270.00	\$1,312,800.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10532	Town of The Blue Mountains	Rehabilitation of Black Bridge	A detailed condition survey of the Black Bridge determined repairs were needed to large areas of delamination and spalling along the deck soffit and underside of the beams. Cracked sidewalks and poor condition of railing were also evident. The rehabilitation extends the useful life of the Black Bridge and provides the expected level of service.	\$0.00	\$842,300.00	July 5, 2017	May 18, 2018	Yes
10527	Township of Puslinch	Reconstruction of Victoria Rd between Wellington Rd 36 and Aberfoyle Pit 2	Drainage, sub-base repairs and paving of 3.5 km of roadway on Victoria Rd between Wellington Rd 36 and Aberfoyle Pit 2. Work involves traffic control, replacing six cross culverts, replacing 2,500 sq m of sub-base with virgin material and geotextile material, pulverizing the existing asphalt, grading and compacting the road base, repaving with 75 mm of HL4 asphalt, paving and reconstructing driveways, compacting granular A shoulders, making permanent pavement markings and inspection.	\$220,000.00	\$400,864.54	March 1, 2018	December 31, 2019	Ongoing
10525	City of Windsor	Road Reconstruction and Rehabilitation of Multiple Streets	Road reconstruction on a number of various streets. Removal of entire asphalt surface by cold milling and resurfacing of local roads with new asphalt on a number of streets including Tecumseh Rd. W. from Partington to Huron Church, Park St. W. from Bruce to Caron, Halpin Rd. from Mulberry to Wildwood, etc.	\$4,357,300.00	\$9,027,000.00	April 2, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10521	City of Markham	Asphalt Resurfacing at Various Locations	The Asphalt Resurfacing Project consists of resurfacing of 30.97km of roads throughout the City utilizing a pavement management program. Work includes asphalt resurfacing, concrete restoration, pavement preservation (i.e. microsurfacing, rout and seal), interlock restoration, material testing, steel and AC premium index.	\$5,651,988.13	\$5,933,400.00	May 1, 2018	June 30, 2019	Ongoing
10519	Town of Carleton Place	Rehabilitation of Mississippi Rd. from Morris St. to Johnston St.	Full depth asphalt removal, iron adjustments and placement of new asphalt on Mississippi Rd. from Morris St. to Johnston St. a distance of 393 meters.	\$217,426.02	\$228,539.41	May 7, 2018	December 14, 2018	Yes
10518	Town of Carleton Place	Resurfacing William St. from Mullett St. to Town Line Rd. East	Resurfacing 500 meters of William Street from Mullett St. to Town Line Rd. E. including grinding, iron adjustments and a top lift of asphalt.	\$95,000.00	\$104,500.00	May 7, 2018	December 14, 2018	Yes
10516	Township of Armour	Thompson Bridge Rehabilitation	The project is to extend the life expectancy of the Thompson bridge by replacing the expansion joints and applying a coating to the deck to prevent water and salt infiltration.	\$88,218.50	\$229,392.21	April 2, 2018	August 31, 2018	Yes
10511	City of Waterloo	Vermont St Reconstruction - Margaret Ave to East End	The Vermont St reconstruction project involves 0.4 lane-km of road reconstruction, replacement of 207 m of sanitary sewer, 115 m of storm sewers, and 225 m of watermains. This project also involves the replacement of about 373 m of sidewalk, and construction of a new walkway connection to Roselea Cr/Bluevale St at the east end of Vermont St.	\$354,000.00	\$1,180,000.00	January 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10510	City of Waterloo	Construction of Multi-Use Trails on King St.	Constructed an asphalt Multi-Use Trail on King Street from Hwy 85 to Conestogo Road measuring 700 m long and 3 m wide (to accommodate pedestrians and cyclists).	\$107,000.00	\$3,283,120.00	February 1, 2017	December 31, 2019	Ongoing
10507	Township of Severn	Fairgrounds Road and Uththoff Line Culverts Engineering & Replacement	Culverts on Fairgrounds Rd are at the end of their useful life, are presenting health and safety concerns due to their condition, and are being replaced. The project consists of the replacement of twin 3,730 mm x 2,290 mm x 4.0 mm corrugated galvanized multi-plate arch culverts at North River where it meets Fairgrounds Road. The replacement allows continued safe passage over this transportation route.	\$0.00	\$18,719.50	January 2, 2017	December 31, 2019	Ongoing
10506	County of Brant	Rehabilitation of Cockshutt Rd, Indian Line, Hwy 53 & St. George Rd	Rehabilitation of Cockshutt Rd (1.4 km from Hagan Rd to Jenkins Rd), Indian Line (2.6 km from Cockshutt Rd to Jenkins Rd), Hwy 53 (1.8 km from Harley Rd to 7th Concession Rd) and St. George Rd (3.3 km from McLean School Rd to Lockie Rd). This project involves cold in-place recycling of existing asphalt pavements, hot mix overlay, concrete curb and gutter installation, granular shouldering, and installation of upgraded safety devices.	\$2,179,937.29	\$2,180,651.33	February 13, 2018	December 31, 2018	Yes
10499	Town of Ajax	Construction of New Sidewalks	The scope of work involves the design and construction of 520 metres of new concrete sidewalks to maintain a continuous path system within the Town and increase accessible and pedestrian friendly access.	\$14,452.38	\$330,000.00	April 3, 2017	December 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10498	Town of Ajax	Replacement of Gravel with Asphalt Multi-Use Trail under 401/CNR Overpass (Duffins Creek Church St)	Replacement of the existing 355 m long gravel trail under the 401/CNR overpass to asphalt multi use trail from the Duffins Creek pedestrian bridge to the intersection at Church Street.	\$0.00	\$100,000.00	June 5, 2017	December 28, 2019	Ongoing
10497	Town of Ajax	Road Resurfacing and Reconstruction	Road rehabilitation of Rotherglen Rd (0.88 lane km), Hawkins Crescent (0.9 lane km), Garnett Dr (0.6 lane km), and O'Dell Court (0.32 lane km) totaling 2.7 lane km. The project includes geotechnical assessments, asphalt resurfacing, and rehabilitation of base asphalt, curbs and sidewalks. Also included is the reconstruction of Mills Road from Station Street to Hunt Street (1 lane km).	\$1,409,326.97	\$1,867,100.00	May 7, 2018	December 31, 2019	Ongoing
10494	Town of Ajax	Resurfacing Taylor Rd, Radford Dr & Lake Driveway W	This project involves the resurfacing of 5.6 lane kms of local roads within the Town of Ajax including curb and sidewalk repairs, mill and overlay of asphalt surfacing, base asphalt repairs.	\$24,523.98	\$756,347.73	May 15, 2017	February 1, 2018	Yes
10490	Town of Whitby	Reconstruction of Centre St S and Gilbert St W	Reconstruction of 1.4 km of roads that show a significant deterioration of pavement condition and require the removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), installation of new sidewalks, and new underground servicing. This project provides safe, serviceable road pavements that maximize sustainability in future use.	\$70,656.43	\$3,520,000.00	February 5, 2018	February 25, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10485	City of Brockville	Bartholomew St. Reconstruction	The work includes the reconstruction of storm sewers, sanitary sewers, watermains and service laterals. The existing roadway will be reconstructed including granular material, asphalt, pavement, concrete curb and gutter, concrete sidewalks and restoration work.	\$0.00	\$845,000.00	June 1, 2017	November 30, 2028	Ongoing
10484	Town of Whitby	Resurfacing Multiple Streets	Resurfacing 5.395 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$2,945,144.62	\$3,436,159.00	April 16, 2018	March 2, 2020	Ongoing
10481	Township of Chisholm	Major Culvert Replacements - Wasing and Maple Roads	The replacement of two large stormwater culverts involves the removal of the existing deteriorating pipes, the installation of new pipes and some ditching work. The culvert on Wasing Road is being replaced with a 1,700 mm culvert, and the culvert on Maple Road is being replaced with a 2,100 mm culvert. The main objective of the project is to update deteriorating infrastructure, and prevent culverts from collapsing, flooding, and road washouts.	\$3,231.47	\$57,567.92	June 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10476	Township of Horton	Regravelling of Garden of Eden Road	Regravelling of 4,160 m of Garden of Eden Road. Applying 150 mm of granular M and pit-run to repair soft sections of subgrade.	\$34,746.19	\$92,500.00	September 1, 2018	December 31, 2019	Ongoing
10475	Township of Horton	Rehabilitation of Johnston Rd	Rehabilitation/reconstruction of the entire 4.6 km length of Johnston Road from Storyland Road to Castleford Road. The project includes redesign, topographical survey, culvert replacement, pulverization of the existing surface, and the addition of new surface material to the gravel surface section.	\$102,468.54	\$1,598,307.24	January 2, 2018	December 31, 2018	Yes
10465	County of Elgin	Vienna Line Reconstruction	Plank Road (County Road #19) through Vienna is being reconstructed with new storm sewers, curb, gutter and roadway. Plank Road is classified as a minor arterial road with an AADT of 1,800. Traffic volumes can rise significantly during summertime months when local agricultural businesses are busy and tourists visit the Port Burwell area. Plank Road was downloaded to Elgin County from the Province of Ontario in 1997 and roadwork has not been completed since 1965.	\$1,580,115.78	\$2,033,950.00	June 4, 2018	December 21, 2018	Yes
10463	Municipality of South Bruce	Replace Structure #11 Donaldson Bridge	Remove the existing structure and replace with a new bridge. Improve the structure to provide a 2-lane driving platform to conform to current Municipal Standards.	\$355,000.00	\$636,610.26	January 25, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10462	City of Waterloo	Road Resurfacing - Quiet PI and Various Other Roads	Annual road resurfacing 2017 (in lane km); Quite PI (0.78 km), Lee Ave (0.95 km), Conservation Dr (0.70 km), Old Post Rd (1.19 km), Old Meadow Ln (0.38 km), Bellcan PI (0.44 km), Glen Forrest Blvd (1.18 km), Seagram Dr (0.75 km). Annual road resurfacing 2018 (in lane km); Wissler Rd (1.5 km), Kumpf Dr (0.3 km), Canewood PI (0.26 km), Avondale Ave S (0.90 km), Thorndale Dr (1.57 km), Bauer PI (0.25 km) & Dotzert Crt (0.59 km), Regina (0.63 km)	\$867,917.49	\$6,557,720.00	May 15, 2017	December 31, 2018	Yes
10461	City of Waterloo	Northdale Community Road Reconstruction with multi-use Trails and Sidewalks	Implementation of enhanced streetscape elements such as multi-use trails and wider sidewalks on various roads in the Northdale neighbourhood, in conjunction with planned road reconstructions. In 2017, enhanced-width sidewalk and multi-use trail elements were constructed as part of the Spruce St/Hickory St reconstruction (approximately 1020 m).	\$0.00	\$4,669,543.79	April 24, 2017	December 31, 2019	Ongoing
10459	City of Waterloo	Installation of new sidewalks around the City	Gas Tax funds were used to install 505 m of new sidewalks around the City of Waterloo. The project used granular base material and timber formwork to receive concrete. This project involved tactile walking indicators for the visually impaired at intersections and installation of 3 refuge islands. This project reinstated boulevards areas with topsoil and seed; the roadways were reinstated with asphalt and new traffic signs were placed on the posts.	\$286,000.00	\$1,091,614.00	May 19, 2017	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10454	City of Waterloo	Resurfacing existing trails in Research and Technology Park	Resurface or replace 3.5 km of existing multi-use trails. Upgrades also include intersection improvements to comply with AODA regulations. The removal of existing asphalt from the trails and preparation of the underlying gravel. Placement of new surface of asphalt on all trails following the removals. All crossings are completed with concrete and tactile domes installed in the concrete to adhere to the provincial accessibility standards.	\$42,000.00	\$539,437.00	June 17, 2017	December 31, 2019	Ongoing
10451	Township of South Algonquin	Spectacle Lake Road - Resurfacing and Drainage Improvements	This project involves survey and design engineering to produce construction drawings, pulverization of the existing surface, replacement of existing CSP culverts with new HDPE culverts, correction of existing deficient drainage, correction of deficient subgrade, new granular base, new HCB surface, shouldering, new signage and restorations. This project was identified in the asset management plan for renewal in 2014.	\$70,000.00	\$301,992.07	May 24, 2017	October 29, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10449	Town of Pelham	Active Transportation Improvements on Highway 20	As required under our Active Transportation Master Plan, extra-wide multi-use paths are being constructed along this Regional road. The path is concrete, 3.2m wide, and includes benches, trees and other landscaping plantings to enhance the experience of using this path and open it up to cyclists, pedestrians, trail connections, and residential & commercial foot traffic. Costs incurred include ductwork for underground utilities and sidewalk installation.	\$0.00	\$2,035,280.00	January 1, 2015	December 31, 2019	Ongoing
10445	Town of Pelham	East Fonthill Roads Construction	Brand new road construction in the Secondary Plan Area of East Fonthill, with a road to connect Fonthill downtown into the new area and one to connect the regional road to the new development. It also connects in several new commercial areas and subdivisions in the new growth area. The construction involved full new installation of a road, watermain, sewer and storm, streetlighting, medians and several roundabouts.	\$0.00	\$2,834,776.00	August 1, 2016	December 31, 2019	Ongoing
10438	Township of Russell	Resurfacing of St. Pierre Rd & Route 400	Resurfacing St-Pierre Rd and Route 400 between Ste-Marie and St-André and Macdonald and Boundary as identified in a roadmap study done in 2016. Approximately 20,000 tonnes of granular 'A' are being used to restore some soft spots and rebuild a crown and provide proper drainage. A total length of 5.2 km of roads are being paved, with a total area of about 36,400 sq m.	\$485,631.51	\$1,070,512.09	June 8, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10433	Town of Lakeshore	St. Peter Street Reconstruction - South to Chisholm	A full road and underground infrastructure reconstruction along St. Peter Street (265 m) to address failing infrastructure. The area is a strategic priority for the Town as the road is used by three different schools for bus pathing and runs along one of the Town's major parks (Ladouceur-Lions Park). Due to the costliness of the project, the infrastructure had fallen into a very poor condition and was identified through our asset management planning as a key area to allocate budgetary resources.	\$0.00	\$2,317,659.23	January 3, 2017	December 31, 2018	Yes
10421	Town of Caledon	Rehabilitation and Reconstruction of Two Non-OSIM Structures	Rehabilitation of the two highest priority Non-OSIM structures: the Grange Side Road 0.7 km west of Mountainview Road, and Finnerty Side Road 0.3 km west of The Gore Road. Identified sections of the roads are essentially "slipping" and require correction in various forms of engineering and construction - typically culvert replacements and slopes stabilization.	\$233,031.48	\$1,406,700.00	June 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10420	Town of Caledon	Reconstruction of Multiple Bridges	The objective of the Bridge Construction Program is to ensure that the Town's bridges are maintained and operating in a state of good repair so as to uphold usability and safety for all stakeholders. The Bridge Construction Program is determined through the results of a bi-annual inspection of the Town's Bridge and Culvert inventory; Centreville Creek Road Bridge and the Region of Peel's Queen Street Bridge are being reconstructed.	\$217,985.64	\$1,144,467.00	June 1, 2017	December 31, 2018	Yes
10419	Town of Caledon	Rehabilitation/Reconstruction of Multiple Roads	Rehabilitation and reconstruction of the Town's roadways. Maple Lane and Church Street involve road rehabilitation work, which entails resurfacing the roadway, placing concrete sidewalk, and installing curb and gutter (a total section length of about 830 m). Mount Hope Road, Healey Road and Heart Lake Road involve full-depth reconstruction of the existing roadway, road widening, and watermain replacement (a total section length of about 10,900 m).	\$414,390.72	\$2,395,730.00	September 22, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10417	City of Kenora	7th Avenue Bridge Replacement	The project involves the removal and demolition of the existing structure and the construction of a replacement bridge including the deck, abutment walls, wing walls, retaining walls, sidewalks, guiderails and safety fencing. The benefit of a replacement bridge is that it provides safe, long term and shorter access for emergency services to the Lakeside and Central neighbourhoods. An elementary school is also located in one of these neighbourhoods.	\$437,195.85	\$1,446,500.62	June 1, 2017	October 29, 2018	Yes
10411	City of Stratford	Bridge Improvements on Romeo and St. Vincent Sts.	Rehabilitation of the Romeo Street bridge at the Avon River and the St. Vincent Street Bridge at the Avon River includes barrier and sidewalk replacement, new precast concrete girders, concrete repairs, new catchbasins, and general deck rehabilitation.	\$820,000.00	\$1,545,298.00	March 1, 2017	December 31, 2019	Yes
10410	City of Stratford	Construction of Multi-Use Trail on Lorne Ave	Construct 300 m of asphalt multi-use trail on Lorne Avenue to connect the existing trail on Lorne Avenue to the trail on Erie Street. This project provides a key link in promoting safe cycling and pedestrian infrastructure within the City.	\$0.00	\$104,045.42	May 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10409	City of Stratford	Resurfacing of Douro & St. Vincent Streets	Work involves resurfacing Douro Street from Romeo Street to Burritt Street (430 m) to increase the life of the asset and improve the condition of the collector road and truck route. The project also involves resurfacing St. Vincent Street from Lorne Avenue to Patricia Road (400 m) to increase the life of the asset and bring the road up to current standards. Work is being done in conjunction with a watermain replacement.	\$25,528.25	\$1,272,887.03	June 1, 2017	December 31, 2018	Yes
10399	City of Belleville	Mudcat Road Rehabilitation - Sanctuary Lane to Phillipston Rd	Full depth reclamation of Mudcat Rd from Phillipston Road to Sanctuary Lane (5 km) with widened lanes through platform widening and an asphalt overlay.	\$1,199,168.20	\$1,860,000.00	January 1, 2017	September 27, 2018	Yes
10391	Township of Mapleton	Replacement of Four Bridges	Three bridges in very poor condition with eroded/undermined foundations, wide cracking, rapid concrete deterioration and reduced load carrying capacity were replaced in 2016. In 2017, a one lane, concrete arch bridge in seriously deteriorated condition was replaced with a new, two lane bridge meeting all requirements, load and geometry, of the Canadian Highway Bridge Design Code, the MTO Structural Manual, and the Roadside Safety Manual.	\$0.00	\$2,627,513.26	March 3, 2017	March 3, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10377	City of Kitchener	Rehabilitation of Bridges in Multiple Locations	The work completed in this program includes identification and removal of delaminated concrete, reforming and placement/pouring of new concrete or proprietary products to rehabilitate the structure by restoring the structure's ability to accommodate full loading, and to halt the progression of delamination between the reinforcing steel and concrete. The work also includes repair of areas of spalled concrete to restore the concrete cover on exposed steel reinforcement.	\$56,362.00	\$313,475.97	March 1, 2017	December 31, 2018	Yes
10362	City of Cambridge	Rogers Drive Bridge & Culvert Renewal	Renewal of culvert and bridge at Rogers Dr as per 2010 structural inspection recommendation. Culvert is located on Rogers Dr within Riverside Park. Replacement and renewal of bridge/culvert is planned as per short and long term needs identified during bi-annual inspections. Bridges and culverts are key elements of the transportation and drainage infrastructure. Unsafe bridges and poor drainage are significant risk to daily commuters and residents and may cause flooding during storm events.	\$10,821.00	\$426,509.00	January 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10358	Municipality of Bluewater	Asphalt Replacement and Drainage Improvements on Airport Line from County Rd 84 North to Kippen Rd	Asphalt replacement of 4 km of Airport Line north from the intersection of Huron County Road # 84 (a.k.a. Zurich Hensall Road) to the intersection of Kippen Road. This incorporates two sections of roadwork and also includes partial reconstruction to include drainage improvements. Bluewater hired a contractor to supply and install 4,700 feet of 4" perforated pipe complete with rodent grates.	\$0.00	\$562,000.00	September 15, 2017	December 31, 2019	Ongoing
10351	Township of North Glengarry	Replacement of Culverts on East Boundary Road, Hope/Ouimet and Skye Road	Removal and replacement of culverts on East Boundary Road, Hope/Ouimet, and Skye Road.	\$51,124.30	\$179,710.00	June 1, 2017	December 31, 2019	Ongoing
10349	City of Kitchener	Queen Street - Charles to Duke Placemaking	The section of Queen St between Charles St and Duke St requires a full surface reconstruction, as the sidewalk and pavement have experienced considerable degradation since installation. In addition to the roadwork, Vogelsang Green, Goudies Land and the entrances to Halls Lane and under-utilized land at Queen/Charles are proposed to be included in placemaking for people of all walks of life. This is a pilot for a new approach to streetscape related asset management.	\$4,110.00	\$1,900,577.52	February 8, 2017	October 31, 2021	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10339	City of Guelph	Construction of New Sidewalks in Multiple Locations	Construction of 9,120 m of sidewalk to improve the overall connectivity and connectivity of the active transportation network in accordance with a City Sidewalk study. Work is focused on areas of high demand throughout the City. Major locations impacted are Woodlawn Rd W between Nicklin and Elmira, Stone Road from Oakdale to Gordon, Imperial south of Speedvale, Watson Parkway at Cooling, and Princess St between Clark and Division Streets.	\$168,157.87	\$816,000.00	January 2, 2017	December 31, 2019	Ongoing
10338	City of Guelph	Reconstruction & Resurfacing of Multiple Streets	Full depth resurfacing involved milling 45 mm of asphalt and replacing it with 45 mm of HL3. Four traveled cars lanes were additionally reduced to two lanes with a centre turn lane to add bike lanes at Willow Road and facilitate active transportation. Main routes included were Edinburgh to Applewood for 850 m, Wellington Road to Imperial for 500 m, Starwood Drive from Grange to Lee for 200 m, and Surrey Street from Gordon to Wyndham for 220 m.	\$4,764,129.14	\$43,298,275.00	January 1, 2017	June 30, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10337	Municipality of Leamington	Erie South Sewer Separation / Road Reconstruction	This project is for the complete sewer separation and reconstruction of Erie South, Stewart, Conover Avenue and Forest. Reconstruction includes utility relocation and new road, curb, sidewalks, bike lanes, traffic calming measures and streetscape features. The total length of all the roads to be reconstructed is 1.185 km, and 980 m of bike lanes will be installed along Erie Street South from Seaclyff Drive to the south end of the road.	\$680,791.45	\$5,695,000.00	October 2, 2017	December 31, 2019	Ongoing
10332	City of Brampton	Road Resurfacing of Multiple Streets	Work involves the repair of deficient curb, sidewalk, storm sewers, driveway aprons and sod (where effected). Also involves the rebuild and/or adjustment of catch basin and maintenance hole frame/lids within the roadway. Pavement is resurfaced with an 80-90 mm asphalt overlay- the most common method, or full asphalt removal/expanded asphalt are utilized when appropriate. In 2017, approximately 52 lane km of roadways were resurfaced to extend the life of the roads for 15-20 years.	\$53,524.38	\$11,610,000.00	January 1, 2017	December 31, 2019	Ongoing
10327	Township of Dawn-Euphemia	Sydenham River Bridge - Deck Rehabilitation	The Sydenham Bridge on Lambton Line is one of three bridges crossing the Sydenham River in the Township of Dawn-Euphemia. This project is for the rehabilitation of the spawling concrete on the underside of the bridge deck, removal and replacement of the exposed rebar and spawled concrete, and resurfacing of the bridge deck with asphalt.	\$0.00	\$280,960.21	August 1, 2017	November 29, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10317	City of London	Rehabilitation of Blackfriars Bridge	Major rehabilitation to the iconic Blackfriars Bridge is required to maintain the Heritage Structure for use into the future. Planned works include rehabilitation of bridge bearings and top portion of abutments, deck repairs, modifications to lower panel point connections, strengthening truss members, creation of new bicycle lanes, etc. The more thorough rehabilitation triples the projected service life of the bridge from 25 years to 75 years.	\$2,799,233.95	\$7,941,579.00	September 5, 2017	June 28, 2019	Yes
10315	Town of Arnprior	Downtown Road Reconstruction (Elgin St & McGonigal St)	Full depth road reconstruction including sanitary sewer, water mains and storm sewers along Elgin street from Daniel street to Madawaska street, as well as McGonigal street from Hugh street to Edward street.	\$0.00	\$4,177,121.00	April 1, 2017	August 31, 2021	Yes
10310	Town of Aylmer	Paving & Storm Sewer on Coopers Alley between King & Queen Streets	The project is to upgrade Coopers Alley from King to Queen Streets from a gravel surface to pavement and add storm sewers. The project is approximately 100m in length.	\$0.00	\$65,257.41	September 18, 2017	October 31, 2018	Yes
10309	Town of Aylmer	Resurfacing on Dufferin St. and Harvey St.	The project is a Mill & Pave resurfacing on Dufferin St from South St to 140m beyond Clarence St at a total length of 440m. Section 2 is a Mill & Pave resurfacing on Harvey St from Dufferin St to Fourth Ave at a length of 100m.	\$0.00	\$844,716.90	July 27, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10303	City of London	Rehabilitation of Local Roads	This Infrastructure Renewal project provides road improvements to major streets in the City's network. Measures to maintain road infrastructure range from route & seal, mill & pave, and mat replacement to total rebuild. Overall, the project provides a total length of approximately 26 lane km in rehabilitated roads.	\$0.00	\$14,169,181.00	March 1, 2017	June 30, 2019	Yes
10287	Municipality of Centre Hastings	Preparation of Old Marmora Road for Surface Treatment	This project included ditching, pulverizing and the addition of gravel to the driving surface in preparation for surface treatment in 2018. Project length 4.3 Km.	\$214,743.00	\$342,617.22	June 5, 2017	August 31, 2018	Yes
10286	Municipality of Centre Hastings	Rehabilitation of St Lawrence St and Bridge Connecting Link	This project is being done under the MTO Connecting Link program, is for the rehabilitation of approximately 120 m of St. Lawrence St. (Highway 62) from Russel St. to Durham St. and includes the rehabilitation of the St. Lawrence St. Bridge, sidewalk replacement, lateral water and waste water services replacement and asphalt paving.	\$36,353.00	\$748,432.76	August 8, 2017	April 30, 2018	Yes
10284	Town of Pelham	Maple St Culvert Replacement	Replacement of dual culverts on Maple Street with coated steel culverts.	\$195,446.25	\$367,694.82	August 28, 2017	December 31, 2018	Yes
10283	City of Peterborough	George Street Improvement Project	Improve walking, cycling and driving while also improving the ambiance of this southern gateway to the downtown. Project involves asphalt resurfacing, traffic signal upgrades, tree planting, pedestrian and cycling friendly pavement marking, sidewalks, pedestrian countdown signals and, transit stop improvements.	\$0.00	\$2,197,000.00	August 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10282	City of Peterborough	New Sidewalk Installations	Installation of 1.3 km of new sidewalks in keeping with priorities and procedures identified through Report USTR08-008 and USDIR11-010.	\$0.00	\$687,009.00	May 1, 2017	December 31, 2019	Ongoing
10281	City of Peterborough	New multi-use trails throughout the City (2017)	Implement priority trails that foster a cycling and pedestrian network with a high degree of connectivity, safety and local context sensitivity.	\$0.00	\$824,940.00	May 1, 2017	December 31, 2019	Ongoing
10279	City of Peterborough	Road Rehabilitation on Multiple Streets	The project involves grinding of asphalt, installation/adjustments of frames, covers and grates, application of emulsified asphalt (tack coat), installation of hot mix asphalt, micro surfacing and the application of pavement markings. There is approximately 4.0 km of resurfacing and 6.6 km of micro surface to be completed as part of this project.	\$609,185.45	\$3,362,500.00	May 1, 2018	December 31, 2019	Ongoing
10278	City of Peterborough	Road Resurfacing Multiple Streets	Surface asphalt grind and overlay on various roads throughout the City, based on the Road Needs Study. 8.6 km of roads are resurfaced and 5.8 km are micro-surfaced.	\$520,977.00	\$3,833,020.00	May 1, 2017	December 31, 2019	Ongoing
10277	City of Peterborough	Otonabee Drive Rehabilitation - Bensfort Rd to Ashburnham Dr	The project involves pulverizing or removal of existing asphalt surface, regrading of the road cross section, and replacement of the pavement structure. Rehabilitation of Otonabee Drive (approx. 1.8 km) improves the level of service in the area and traffic movement for the City bus route.	\$0.00	\$1,700,000.00	July 4, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10266	City of Barrie	Road Resurfacing of Several Streets and Anne St Pavement Rehabilitation	Scope of work includes the partial depth asphalt removal and replacement including minor curb and sidewalk repairs. Total lane kilometers of rehabilitated roadway is 23.4km. As well, project includes the full depth asphalt removal and rehabilitation of Anne Street North from Neelands to Sunnidale. The total lane kilometers of rehabilitated roadway is 1.7km.	\$2,858,453.83	\$5,619,000.00	June 26, 2017	December 31, 2019	Ongoing
10265	City of Barrie	Historic Neighbourhoods Strategy - Allandale B Neighbourhood Renewal	1.5 km of Holgate Street, William Street and Granville Street are being reconstructed to replace the roadway structure that has outlived its life cycle. The project includes full reconstruction of the infrastructure within the street right-of-way including the roadway, sidewalk, sanitary sewer, storm sewer, watermain, street lights and boulevards.	\$0.00	\$11,076,303.00	February 1, 2017	December 31, 2023	Ongoing
10264	City of Barrie	Reconstruction and Watermain Replacement on Glen Echo Dr & College Cres.	Reconstruction and watermain replacement on Glen Echo Drive on College Cres. as well as College Cres. from Lonsdale Pl to Nelson Street. Work involves the installation of 525 linear metres of 150 mm PVC watermain including the replacement of all residential services. Full depth road reconstruction of 500 m of roadway including the granular base as well as the replacement of 1000 linear metres of concrete curb and 1000 linear metres of concrete sidewalk.	\$371,437.94	\$1,550,717.00	August 7, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10249	Town of Midland	Design & Reconstruction of King Street - Bayshore to Yonge	Complete reconstruction of 0.68 km of King Street (Bayshore to Yonge). Work includes storm sewer, water and sanitary sewers and elements of downtown beautification including new sidewalks, street lights, stop signals, planters, trees, benches, bike racks and movable parking bollards.	\$0.00	\$14,000,000.00	February 15, 2016	October 31, 2021	Ongoing
10239	Town of Hanover	Reconstruction of 8th Avenue from 12th to 14th Sts.	This reconstruction is to upgrade and replace the 0.76 km (380 m) of road, sanitary, storm sewer and watermain that was built in the 1940's. Remove and replace 309 m of existing sanitary sewers, 223 m of existing watermains and appurtenances, 321 m of storm sewers, 561 m of concrete sidewalk and granular fill and place asphalt on 0.76 km of roadway.	\$34,924.43	\$742,385.10	June 19, 2017	December 31, 2018	Yes
10227	Town of New Tecumseth	Urbanization of Mill Street from McCurdy Drive East	The urbanization of Mill Street (4th Line) in Tottenham from McCurdy Drive easterly for 720 m. Project involves bridge rehabilitation with sidewalks, full depth road reconstruction with granular base and hot mix asphalt, new curb and gutter, storm sewers and manholes, sidewalks and streetlights.	\$0.00	\$2,557,432.00	April 4, 2016	October 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10218	Municipality of Central Manitoulin	Replacement of Union Road Bridge	The project involves the removal of an existing 60 year old bridge structure consisting of wooden piers, abutments, beam and girders, as well as a wooden deck surface treated with tar and gravel. The replacement structure incorporates a new pre-cast concrete arched bridge and a pre-cast concrete headwall structure with a granular road base designed.	\$0.00	\$1,118,700.00	January 1, 2016	December 31, 2020	Ongoing
10212	Municipality of Port Hope	Trail Upgrades and Signage	Trail upgrades include resurfacing, creation of passive parkland space, trail naming, mapping and distance markers. This is to be completed in conjunction with the naming of the trails project and is identified as a priority in the Municipality's Community Strategic Plan. Lighting will be added to areas to increase safety. Outdoor fitness equipment will also be installed.	\$16,105.99	\$185,412.13	March 31, 2017	December 31, 2018	Yes
10204	Township of Drummond/North Elmsley	Reconstruction of Tennyson Rd	Tennyson Road is being reconstructed over a length of 14.8 km. The project involves redesigning and reconstructing existing roadways, completing a geotechnical investigation and topographic survey, culvert replacement, regrading ditches, pulverizing the existing surface, regrading the roadway and driveways with new granular material, and application of new surface material.	\$16,115.62	\$2,000,000.00	September 1, 2016	December 10, 2027	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10202	Town of New Tecumseth	12th Line Bridge Replacement	An assessment of the 12th line bridge (Structure #12004) was done in 2016 and it was determined that the full bridge requires replacement. Work involves completion of an environmental assessment, full bridge replacement with a single span cast-in-place structure on precast girders with integral abutments, piles, barrier walls, sidewalks, 400mm road approaches, utility relocations, and centreline road adjustments to improve sight lines.	\$0.00	\$4,582,270.00	July 11, 2016	December 31, 2021	Ongoing
10201	City of Guelph	Construction of Multi Use Path on Woodlawn Road from Nicklin to Silvercreek Parkway	Construction of a multi-use path on the north and south sides of Woodlawn Road West between the existing curb and the property line from Nicklin Road to Silvercreek Parkway. Work involves placement of a 3 m wide asphalt path for active transportation use.	\$88,086.91	\$2,700,000.00	January 1, 2016	June 30, 2020	Ongoing
10196	City of Waterloo	Replacement of Salt Storage 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.	\$0.00	\$3,893,400.00	October 1, 2015	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10191	Town of New Tecumseth	Resurfacing & Road Improvements on 14th Line (Westerly from 15th SR)	Project involves engineering & design and the resurfacing & road improvements on the 14th line (from the 15th SR to 1.6 km west).	\$0.00	\$1,860,552.08	February 1, 2016	June 29, 2018	Yes
10188	Town of Saugeen Shores	Road Reconstruction Chantry View Dr/ Gustavus St/Crawford St	Installation of curb/sidewalk and enhancement of storm sewer facilities on Chantry View Dr to help pedestrians access the beach and tennis courts. This links Huron St with sidewalk to the access point and washrooms; only linkage between Morpeth and Huron. Gustavus & Crawford streets are reconstructed with a 8.5m wide cross section with new sidewalk(s), trunk storm sewers, sanitary sewers & water service replacement. 770 m of the road is reconstructed.	\$55,783.47	\$1,100,000.00	June 1, 2017	December 31, 2019	Ongoing
10173	Town of Cochrane	Lillabelle Lake Bridge Replacement	The Lillabelle Lake Bridge is slated for replacement due to the existing deteriorated condition of the cribs with specific attention to the crushed bearing timbers. Rivard Engineering has completed a set of replacement drawings and the scope of work includes replacing the bearing timbers, replacing the top headwall timbers, connecting the approach guardrail to the bridge parapet wall, re-aligning the handrail pipe and replacing the deteriorated guard rail timber.	\$0.00	\$400,000.00	January 1, 2016	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10130	Township of Tay	Water/Roads Project - Simcoe Avenue	Replacement of existing watermain on Simcoe Avenue, section of Assiniboia Street and Alberta Street. The reconstruction project will improve Simcoe Avenue and a section of Assiniboia Street from a rural cross section with ditches to an urban standard with curb and storm sewer. Alberta Street is rehabilitated.	\$0.00	\$2,993,578.15	May 1, 2017	April 30, 2019	Yes
10128	Township of Coleman	Resurfacing & Double Treatment of Various Township Roads	This project is for the single surface treatment of 25.65 km, double surface treatment of 4.75 km, application of Granular A, RAP, and grindings (34,895 tonnes over 16.8 km of RAP roads), safety upgrades, work on 11 culverts, and work as necessary to address frost heaves and soft spots. This project reduces GHG emissions by improving vehicle economies in fuel and maintenance and reduces the Township's requirements for new gravel and dust control materials.	\$38,030.04	\$1,880,281.04	June 1, 2012	December 31, 2021	Yes
10126	Region of Niagara	Rehabilitation of RR1 Dominion- Burleigh to Buffalo	This project involves using an innovative "Design/Build" approach (the region provided the contractor with 30% design prime and the contractor took the 30% design to completion and built the ultimate design) 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. The total length of the road reconstructed is 5.8 kms.	\$7,940,180.93	\$12,165,000.00	January 1, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10125	Region of Niagara	Resurfacing of Roads in Multiple Locations	Repaving road surfaces to restore them to their original state and help prevent further deterioration. Asphalt pavement rehabilitation involves milling, paving and resurfacing of the existing asphalt pavement to mitigate the effects of per ride rutting, cracking, and other distresses. This was done in accordance with the TMP. The total length of the road resurfaced was 21.24 kms.	\$0.00	\$12,500,000.00	January 1, 2016	December 31, 2018	Yes
10124	City of Waterloo	Marsland Dr Reconstruction	Reconstruction of Marsland Dr will see about 1.25 Lane-Km of road reconstructed, the replacement of 620m of sanitary sewer, 620m of storm sewers, and 620m of watermains. This project also includes the replacement of about 600m of Sidewalk, the addition of 620m of new sidewalk, the addition of 1.25 km of bike lanes and a new entrance to Hillside park.	\$90,000.00	\$3,415,957.00	March 1, 2016	December 31, 2018	Yes
10118	Region of Niagara	Reconstruction & Capacity Improvement - RR98 (Montrose) - Charnwood to McLeod	Reconstruction and conversion of 1.3 km of road from a rural cross section to an urban cross section, along with auxiliary lanes, and other roadway improvements (to the storm sewer and active transportation facilities).	\$4,524.44	\$1,700,000.00	January 1, 2017	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10117	Region of Niagara	Resurfacing of Roads in Multiple Locations	Repaving road surfaces to restore them to their original state and help prevent further pavement deterioration. Asphalt pavement rehabilitation involves milling, paving and resurfacing of the existing asphalt pavement to mitigate the effects of per ride rutting, cracking, and other distresses. The total length of roads resurfaced is 28.73 kms.	\$0.00	\$9,000,000.00	January 1, 2017	December 31, 2018	Yes
10115	Region of Niagara	Reconstruction of Pelham Rd (Effingham to Wessel) Phase 2	Reconstruction of RR69 (Pelham Road) from Effingham Road to Wessel Drive. This project involves the reconstruction of the road to address drainage, safety, pavement condition and active transportation (cycling facilities). The length of the rehabilitated road is 2 km.	\$332,583.22	\$9,100,000.00	April 1, 2014	December 31, 2020	Ongoing
10114	Region of Niagara	Rehabilitation of Lakeshore Rd (Townline to Creek) with Bike Lanes	This project involves the reconstruction of the road to address pavement condition and waterfront trail as recommended in an environmental assessment. The improvements will address drainage deficiencies, road condition and paving of the shoulders for cyclists. The length of the rehabilitated road is 2.7 kms.	\$498,843.39	\$8,500,000.00	November 1, 2012	December 31, 2020	Ongoing
10104	City of Niagara Falls	Drummond Rd Reconstruction	Drummond Road Reconstruction from Oldfield Road North to Hydro Corridor. Complete Road Reconstruction to an urban cross section including storm sewer installation. Work completed as part of Oldfield Estates Subdivision Phase 2 Agreement.	\$0.00	\$1,000,000.00	January 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10098	Town of Halton Hills	Traffic Signals Upgrades	Upgrading the traffic signal capacity analysis to ensure that all signalized intersections are operating at an optimum level of service. The upgrades will result in improved traffic flow along main corridors such as Mountainview Road and Guelph Street; optimized traffic signals operation at each intersection; reduced driver frustration, and improved air quality.	\$0.00	\$30,000.00	May 2, 2016	September 30, 2019	Ongoing
10094	Township of Pelee	Bridge Replacement - Parsons Road and West Pump Road	The replacement of the Parsons Road bridge and rehabilitation of Centre Dyke Road which is experiencing major bank failures negatively impacting the municipal drainage system. This is a major public safety concern affecting bridges, roads, and wastewater.	\$0.00	\$2,361,700.00	July 1, 2016	December 31, 2025	Ongoing
10089	Town of Halton Hills	Northbound Right Turn Lane - Main St N & Ontario Street	Construct a right hand turn lane on Main Street North and Ontario Street.	\$93,638.97	\$102,223.12	May 2, 2016	December 28, 2018	Yes
10088	Town of Halton Hills	Rehabilitation & Replacement of Culverts	The existing corrugated steel pipe culvert on 17 Sideroad between Fourth Line and Fifth Line is being rehabilitated. Culverts on Fifth Line between Steeles Ave and 5 Sideroad and on 15 Sideroad between Fourth Line and Fifth Line are being replaced.	\$0.00	\$2,269,810.61	May 2, 2016	December 28, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10085	Town of Halton Hills	10th Line Gabion Wall Rehabilitation/Engineering	Design and construction to stabilize a section of slope on Tenth Line to prevent future road failures associated with slope instability. Slope stabilization improvements include the reconstruction of the road base and slope using a reinforced soil system together with local drainage and guard rail.	\$0.00	\$500,000.00	May 2, 2016	October 30, 2019	Ongoing
10076	City of Burlington	Minor Reconstruction of Multiple Roads (Malcolm Cresc. etc.)	Road resurfacing is necessary where significant deterioration of the pavement condition (i.e. surface distress and/or riding comfort) has occurred. These resurfacing and minor reconstruction projects typically involve the removal and replacement of 100 mm of asphalt, installation of a heavy-duty binder and other minor rehabilitation to storm sewers, curb & gutter, and sidewalks. A total of 50.65 km of roads will be reconstructed in this project.	\$4,944,392.31	\$29,037,779.00	January 1, 2017	December 31, 2019	Ongoing
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 100 mm of asphalt, installation of a heavy-duty binder, and other minor rehabilitation to storm sewers, curb and gutter, and sidewalks. About 2.87 km of roads are being resurfaced in this project.	\$659,413.72	\$7,302,300.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10073	Township of North Algona Wilberforce	Rehabilitation of Tramore Road between Bonnechere River Ln to Old Bridge Ln	Work involves pulverizing and removing the asphalt material surface and the original substandard base material, removing culverts and bedding material, reconstructing culvert areas and approaches using an approved base material, and applying Hotmix asphalt (HL4) to the surface as a 40 mm lift. Approximately 3.5 lane km of road are being resurfaced and ditched and 11 cross culverts are being replaced.	\$167,226.01	\$367,500.00	July 3, 2017	November 15, 2018	Yes
10070	County of Prince Edward	Black River & Outlet Bridges Deck Condition Survey & Rehabilitation	Undertake a deck condition survey for both the Black River Bridge and the Outlet Bridge. This determines the complete extent and scope of work that is required for the rehabilitation of the bridges and the anticipated costs associated with the proposed work. The 2014 Bridge Inspection Report involves the Back River Bridge as a priority 2 for rehabilitation and the Outlet Bridge as a priority 5.	\$38,139.05	\$470,000.00	May 31, 2017	December 31, 2020	Ongoing
10068	County of Prince Edward	Reconstruction of Wilson Road from County Road 2 easterly	Rehabilitation of 3.5 km of Wilson Road from County Road 2 easterly. Work involves completion of a geotechnical investigation and topographic survey, ditch improvements, culvert replacements, pulverizing the existing surface, application of additional granular for road and driveway entrance corrections, application of granular for shouldering, and application of an asphalt traveled road surface.	\$931,046.38	\$3,213,900.00	May 31, 2017	August 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10067	Town of Georgina	Rehabilitation of Bridges and Culverts in Various Locations	Deck condition surveys and engineering designs are followed by the remedial capital project for Baldwin Road bridge and two bridges on Old Shiloh Road; Frog Street Bridge have cracked bracing members replaced and timber curbs secured to the structure; the culverts on Lake Drive and McCowan Road have guide rails installed/ upgraded including end treatment and painting. 4 Bridges and 2 Culverts are rehabilitated in this project.	\$136,457.42	\$664,000.00	July 31, 2017	December 31, 2020	Ongoing
10065	Town of Georgina	Rehabilitation of Weir's Sdrd, Morning Glory Rd, Civic Centre Rd, West St, Garrett Dr and Burke St	The plan for 2017 is to fix deteriorating roads as opposed to those that are "already broken". A current makeup of the proposed works include a healthy diversity of paving, surface treatment and crack sealing spanning a length of 17.20 lane-km.	\$28,435.40	\$1,700,000.00	July 31, 2017	June 30, 2018	Yes
10064	County of Prince Edward	Reconstruction of Picton Main St - Bridge St to Spencer St	Project involves redesign and reconstruction of approximately 900 m from Bridge Street to Spencer Street. The scope includes pre-construction investigations such as geotechnical and topographical to support design and construction activities, including the replacement of water, sanitary and storm sewer mains, sidewalk, curb and gutter, granular base, and asphalt surface.	\$2,423.93	\$100,000.00	May 31, 2017	July 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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. as well as a storm sewer outlet on Madawaska St.	\$0.00	\$5,981,738.00	February 22, 2016	August 15, 2021	Ongoing
10029	City of Richmond Hill	Construction of 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. This project involves the design and construction of 6.0 km of 3 m wide multi-use trail on the west boulevard of Leslie Street from Hwy 7 to Elgin Mills Road East.	\$0.00	\$951,200.00	January 1, 2016	December 31, 2020	Ongoing
10028	City of Richmond Hill	Construction of Leslie Street Sidewalk and Multi-Use Trail	The Leslie Street Sidewalk and Multi-Use Trail project involves the construction of 2.25 km of asphalt multi-use trail extending north from Elgin Mills Road East.	\$160,831.00	\$1,403,500.00	January 1, 2016	December 31, 2019	Ongoing
10027	City of Richmond Hill	Construction of Elgin East Trails	The Elgin East Trail involves the construction of 4.4 km of asphalt multi-use trail north east of Yonge Street and Elgin Mill Road East.	\$498,666.00	\$1,931,800.00	January 1, 2016	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
10019	City of Sarnia	Rehabilitation of Donohue Bridge	The rehabilitation of the Donohue Bridge meets legislated requirements (Reg. 104/97, s.3). Scope involves the rehabilitation/removal and replacement of various superstructure components on the east bridge structure (northbound), including the soffits, sidewalk, median wall, barriers, pre-stressed voided slab girders, expansion joint seals, etc. The project scope also involves the rehabilitation of select substructure components on both the east and west structures.	\$3,100,000.00	\$7,450,000.00	January 1, 2017	December 31, 2019	Ongoing
10002	City of Barrie	Road and Sub-surface Infrastructure Replacement on Several Roads	Various road reconstruction projects: 1.3 lane km of new asphalt, 748 m of sidewalk, 1,566 m of wastewater, 1,177 m of stormwater, and 1,611 m of new watermain on Mapleview (from Huronia to Country Lane).	\$1,255,107.60	\$16,758,046.00	January 1, 2016	December 31, 2019	Ongoing
10001	City of Barrie	Road Resurfacing of Several Streets	Various road resurfacing projects, which preserved the roads and improved the PCI and ride comfort of each of the roads. Upon completion of the construction, these roads were improved to very good condition. The work included 3.1 km of resurfacing and new asphalt.	\$184.87	\$4,615,562.46	January 1, 2016	December 31, 2019	Ongoing
9997	Township of Chatsworth	Resurfacing Purdue Road and Sideroad 10	Reconstruction of Purdue Road from Grey Road 40 to Sideroad 10, continuing on Sideroad 10 to East Back Line and completing the project with asphalt. Approximately 3.268 km is being reconstructed.	\$0.00	\$447,705.11	May 31, 2017	August 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9992	Town of Renfrew	Barnet Boulevard Rehabilitation between Raglan St. S. (Cty Road 52) and Eighth St	Rehabilitation of approximately 0.9 km of the Barnet Blvd. roadway, including pedestrian facilities (sidewalk and pathways) between Raglan St. S. (County Road 52) and Eighth St.	\$0.00	\$2,416,546.00	April 2, 2018	December 31, 2019	Ongoing
9981	Town of Minto	Reconstruction of Elora Street South in Downtown Harriston	Complete reconstruction of Elora Street South in downtown Harriston including replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of decorative sidewalks and street lighting. Paving and minor servicing of the remainder of Elora Street in Harriston. Scope increased as additional sanitary sewer work is required. 1,230m of roads will be reconstructed.	\$36,720.00	\$1,876,304.00	May 4, 2015	November 1, 2025	Yes
9980	Town of Minto	Resurfacing of 6th Line and Gillespie Lane	These roads are in poor condition and require upgrading in advance of the International Plowing Match to be held in September 2016 on this site. Sandpad will be installed with HL3 surfacing. 8.3km of road will be resurfaced.	\$33,660.00	\$571,746.00	May 4, 2015	November 1, 2025	Yes
9979	Town of Minto	Replacement of Bride Road Bridge	Replacement of failing bridge including work on the embankment, deck and guiderails.	\$21,420.00	\$488,437.00	April 6, 2015	November 1, 2025	Yes
9978	Town of Minto	Reconstruction of Lowe & Walker Streets	Replacement of water and sanitary sewer services and reconstruction of 180m of road base and surface.	\$0.00	\$101,341.00	May 4, 2015	November 1, 2025	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9977	Town of Minto	Resurfacing of Clifford-Clarke & James Streets	This project involves the installation of new watermains and the resurfacing of 260 m of road.	\$15,300.00	\$156,024.00	April 10, 2015	November 1, 2025	Yes
9970	City of London	Road Rehabilitation on Multiple Streets	Rehabilitation program includes 50 mm mill & pave, removal of all the asphalt between existing curbs, and replacement with new asphalt. The total length of road being rehabilitated is 33 lane km.	\$112,263.53	\$15,425,009.00	March 4, 2016	May 31, 2019	Yes
9955	Town of Whitby	Reconstruction of King St, Ontario St W, James St and Way St	Approximately 2.7 lane-km of King St, James St, Way St, and Ontario St W are being reconstructed to provide safe, serviceable road pavements that maximize sustainability in future use. Roads are being reconstructed to an urban cross section, which includes curb and gutter, sidewalks, new storm sewers, sanitary sewers and watermains.	\$838,165.36	\$2,378,600.00	April 3, 2017	March 27, 2020	Ongoing
9954	Town of Whitby	Resurfacing of McQuay Blvd, Green St, Athol St and William Stephenson Dr	Resurfacing 1.556 km of road; the pavement condition of these roads has significantly deteriorated, requiring the removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), as well as curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$14,007.32	\$1,479,800.00	April 3, 2017	March 22, 2019	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9948	Region of Peel	New Britannia Road Urbanization Multi-Use Trail	Construction of approximately 1.4 km of multi-use trail (including lighting) along the north side of Britannia Road, between Winston Churchill Boulevard and Erin Mills Parkway, as well as the addition of a signalized crossride at the intersection of Britannia Road and Winston Churchill Boulevard. This project provides the public with more safe and convenient urban transportation options.	\$724,257.54	\$920,000.00	January 1, 2016	December 31, 2019	Ongoing
9947	Region of Peel	Pedestrian/Bicycle Bridge Crossing at QEW & Credit River	Design and construction of an active transportation bridge crossing (for pedestrians and cyclists) running north-south and east-west at the QEW and Credit River in partnership with the City of Mississauga. The crossing will become an important part of the active transportation network - along with the Culham Trail running north-south from the QEW, and the east-west Lakeshore-Royal Windsor Trail - traversing the City of Mississauga from Halton Region to the City of Toronto.	\$0.00	\$530,000.00	January 1, 2016	December 31, 2019	Ongoing
9935	Township of St. Clair	Replacement of Bridge 63 at Holt Line - West Otter Creek	Replace existing bridge with a current BCI rating of 37, with an open-bottom or closed bottom (TBD) pre-cast concrete box culvert. This project will replace the lowest rated bridge in our network and greatly improve the overall condition of our bridge assets.	\$284,196.68	\$341,590.43	September 1, 2017	June 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9914	Haldimand County	Surface Treatment of Gravel Roads	Part of the granular road conversion program. This program is for the conversion of road sections from gravel. The scope involves drainage works, granular base improvements, and surface treatment. Involves Concession 9 Walpole (Haldimand Rd 18 to 53), Jenny Jump Rd (Bird Rd to stub east), Concession 10 Walpole (Sandusk to Cheapside), Abbey Road, Stoneman Rd (Rd 66 to Rd 54), Concession 9 (Old Talbot Rd to end), and Old Lakeshore Rd (New Lakeshore Rd to End). Approximately 23 km in total.	\$838,853.29	\$2,381,600.00	May 31, 2017	December 31, 2020	Ongoing
9906	City of Mississauga	Rehabilitation and Replacement of Various Bridges	Rehabilitation of various city-owned bridges including Kingsbridge Garden Circle over the Cooksville Creek, Dundas Street W over the Credit River, Matheson Boulevard over the Etobicoke Creek, and Eglinton Avenue East over the Etobicoke Creek.	\$2,539,376.86	\$11,601,327.90	January 1, 2017	December 31, 2019	Ongoing
9905	City of Mississauga	Road Rehabilitation and Noise Walls at Rathburn Rd E, Tomken Rd, Robert Speck Pkwy, etc.	Rehabilitation of major arterial, collector, and industrial roads to maintain current state of good repair and to implement Traffic Calming Program.	\$1,938,838.82	\$22,222,593.50	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9899	City of Greater Sudbury	Bridge Replacement/Rehabilitation in Multiple Locations	The bridge work involves replacement of the Garson Coniston Road Bridge and the Kelly Lake Road Bridge with new concrete structures. Work also involves rehabilitation of the existing concrete decks and foundations on the CNR overpass on Falconbridge Road, MR55-CPR Overhead Bridge (Westbound) and Mikkola Road Bridge.	\$0.00	\$9,675,358.71	January 2, 2017	December 31, 2019	Ongoing
9898	City of Greater Sudbury	Road Rehabilitation in Multiple Locations	Rehabilitation of 6,915 m of roads, involving improvements to the road structure (pulverizing or milling of the existing asphalt and placement of new asphalt structure), pedestrian facilities, and drainage.	\$0.00	\$10,082,071.88	January 2, 2017	December 31, 2019	Ongoing
9897	City of Brantford	Active Transportation Infrastructure Improvements (Mohawk St & S.C. Johnson Trails)	These are initiatives to increase active transportation throughout the City. One aspect of the project widens 2 km of Mohawk Street (from Greenwich St to Morrison Road) to provide on-road cycle lanes in both directions. A second component continues the conversion of existing granular trails, tar and chip trails, and access ramps to asphalt on the S. C. Johnson Trail in Waterworks Park to improve accessibility and expand usage.	\$9,646.10	\$455,000.00	January 3, 2017	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9896	City of Brantford	Downtown Streetlight Improvement Project	Based on the 2006 Downtown Streetlight Improvements Report, approximately 250 poles in the downtown area are being replaced over a five year period. Funding has been identified to update the 2006 Study, undertake public consultation if required, and design the implementation program for the conversion to LED.	\$0.00	\$50,000.00	January 3, 2017	December 31, 2022	Ongoing
9895	City of Brantford	Citywide Repair and Replacement of Sidewalks	City wide repair and replacement of 5,000 sq. m of sidewalk. The work plan is determined through sidewalk assessment updates conducted by the City's Operational Services department. Depending on the condition of the existing sidewalks, the remediation work will involve either full street or block replacement construction or individual locational slab and/or curb replacement.	\$3,140.42	\$504,687.19	January 3, 2017	December 31, 2018	Yes
9893	City of Guelph	Downey Road Active Transportation Improvements	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. 1 km of bike lane will be constructed in each direction.	\$21,953.16	\$375,000.00	January 1, 2016	June 30, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9891	Town of Whitby	Reconstruction of Byron St S, Watson St E, and Keith St	Approximately 2.0 lane-km of Byron St S (Arthur to St John), Watson St E (Brock to Dufferin) and Keith St (Brock to Centre) are being reconstructed to provide safe, serviceable road pavements that maximize sustainability in future use. The roads are being reconstructed to an urban cross section which includes curb and gutter, sidewalks, new storm sewers, sanitary sewers and watermains.	\$57,458.91	\$4,437,182.00	April 1, 2016	March 22, 2019	Yes
9890	Town of Whitby	Road Resurfacing of Multiple Streets (2016)	Road Resurfacing (3.434km) - these roads have significant deterioration of the pavement condition and require the removal and replacement of 90mm of asphalt (50mm binder course and 40mm surface course), miscellaneous repairs to curb and gutter and sidewalks. The resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing of roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$0.00	\$1,922,457.00	April 1, 2016	March 21, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9877	City of Brantford	Resurfacing Beechwood Ave, Canary Dr, Colborne St and Dalhousie St	This project is for the restoration and resurfacing of Beechwood Ave (from Ashgrove Ave to the end), Canary Dr (from Waxwing Way to the end), Colborne St (from Clarence St to Rawdon St), and Dalhousie St (from Clarence St to Stanley St). The four road sections total 2.4 km in length, were selected based on available condition information (PCI < 40), and required partial asphalt removal and an overlay to extend their service life.	\$19,730.24	\$1,140,000.00	January 3, 2017	December 31, 2019	Ongoing
9872	City of Brantford	Bridge Repairs to CN Rail Trail Bridge #1 and West Street Subway	The CN Rail Trail Bridge #1 and West Street Subway (between Grey St & Buffalo St) are in poor condition and require rehabilitation. Work on the CN Rail Trail Bridge #1 involves replacement of existing timber ballast and wing walls at both east and west banks with new armour stone and precast units. Work on the West St Subway involves replacement of the existing metal guard rail on the east and west side retaining walls with chain link fencing & replacement of guard rails; new gates & handrails.	\$69,736.09	\$125,000.00	January 3, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9868	City of Brantford	Reconstruction of St Paul Ave, Shellard Lane, Hayhurst Rd, Sunset Ave, Watson Ave & Frank St	Road portions of the full reconstruction of road, water, sanitary and storm infrastructure on St Paul Ave, Shellard Ln, Hayhurst Road, Sunset Ave, Watson Ave, and Frank St. The need for these projects is driven by the poor condition of watermains, wastewater sewers and stormwater sewers. The total length of all five road sections restored within this project is approximately 3,890 linear m and represents a total of 9.54 lane km.	\$1,383,669.58	\$14,650,000.00	January 3, 2017	December 31, 2019	Ongoing
9825	Township of Scugog	Reconstruction of Aldred Drive	The reconstruction of Aldred Drive involves excavation, installation of two subdrains, re-establishment of ditches, and placement of asphalt from Pine Point Road to Edgewood Crescent.	\$7,877.37	\$552,000.00	September 1, 2016	December 17, 2019	Ongoing
9816	City of St. Catharines	Bridge Replacement with a Culvert at Ball Avenue West	Replacement of the bridge on Ball Avenue West with a culvert.	\$0.00	\$280,000.00	October 3, 2016	March 30, 2018	Yes
9805	Township of Seguin	Clear Lake Road Drainage Improvements and Surface Treatment	Improvements to drainage and the road bed, followed by new surface treatment of the entire 7.4 km of Clear Lake Road.	\$254,043.00	\$1,072,054.46	May 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9804	Municipality of West Elgin	Replacement of 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.	\$95,979.51	\$600,000.00	May 16, 2016	December 31, 2019	Ongoing
9798	Township of Perry	Renovation of Muskoka Road Bridge	Design and engineering for major renovation. Work involves removing the existing single lane bridge deck and replacing it with a culvert and a two-lane road.	\$128,995.05	\$145,826.19	June 15, 2017	December 31, 2018	Yes
9792	City of Vaughan	Replacement of Pedestrian Bridges in Keffer Marsh and King High Park	Replacement of the existing pedestrian bridges in Keffer Marsh and King High Park and associated landscape works.	\$0.00	\$222,130.00	September 1, 2015	December 31, 2021	Ongoing
9791	City of Vaughan	Installation of Don River System Trail Signage	The Don River System Trail Signage program identifies 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.	\$0.00	\$82,221.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9786	County of Wellington	Design and Rehabilitation of Bridge on Wellington Road 16	The rehabilitation of Bridge 06118 on Wellington Road 16 involves the design and either widening the structure or complete replacement based on cost analysis determined through the design process.	\$2,662.30	\$750,000.00	May 24, 2017	December 31, 2019	Ongoing
9785	County of Wellington	Design and Rehabilitation of Two Culverts	The rehabilitation of culverts on Wellington Road 7 and Wellington Road 5 includes minor widening, updates to the header walls, and other miscellaneous improvements.	\$96,127.51	\$565,000.00	July 3, 2017	December 31, 2020	Ongoing
9784	County of Wellington	Reconstruction of Wellington Road 10 - McGivern St	The reconstruction of Wellington Road 10 involves updating and replacing the existing storm sewer, paving 1.6 km of roadway and, in conjunction with the member municipality, replacing sidewalks to improve accessibility.	\$202,673.43	\$3,650,000.00	June 5, 2017	December 31, 2018	Yes
9781	Township of Brock	Rehabilitation of Bridge #9 near St John St and Munro St E Intersection	Bridge rehabilitation consisting of repairs to existing bridge structure including concrete repairs to abutment walls, soffits, thick slab, sidewalk, curbs, medians and concrete railing systems.	\$1,010.00	\$134,900.00	March 31, 2017	December 31, 2019	Ongoing
9768	City of St. Thomas	Dalewood Bridge Design & Replacement	Designed and constructed a permanent 50 metre long bridge structure to allow Dalewood Drive to cross Kettle Creek. This includes replacing a single lane temporary bridge with a permanent two lane structure, and road reconstruction of 100 metres north of the bridge and 200 metres south of the bridge.	\$329,401.83	\$5,286,250.00	July 31, 2017	July 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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 to provide cyclists and motorists with more flexibility when choosing a route through the core. Implementation of the two way street system involves geometric improvements at some intersections, modifications to the existing traffic signal system, re-striping pavement markings and sign installations.	\$465,008.00	\$682,000.00	January 1, 2016	June 30, 2019	Yes
9758	Township of Wellesley	Paving Manser Rd from Streicher Line to Deborah Glaister Line	This project entails 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.	\$115,525.38	\$320,000.00	April 18, 2017	December 31, 2018	Yes
9755	City of Vaughan	Road Rehabilitation at Various Locations	Works include 200 m resurfacing/ rehabilitation/ reconstruction of road surface, curb, sidewalk, culverts, guide rails, paved shoulders and any necessary restoration.	\$430,611.27	\$8,006,600.00	January 1, 2015	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9751	Municipality of Chatham-Kent	Multiple Bridge Rehabilitation/Replacement Projects	Rehabilitation or replacement of eight bridges and culverts involving the replacement of concrete slabs, decks and abutments, installation of new foundations, abutments, retaining walls, and piers, realignments and intersection modifications, installation of new guide rails, and more.	\$3,149,997.99	\$6,064,446.83	January 1, 2017	December 31, 2018	Yes
9739	Region of Waterloo	Road Reconstruction Projects	Approximately 8.83 km of roadway are being reconstructed. Reconstruction involves replacement of the existing asphalt and granular base with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also installations, replacement, rehabilitation or modernization of storm sewers, sanitary sewers, watermains, sidewalks, bus shelters, right and left turn lanes, and traffic equipment.	\$2,915,083.12	\$17,378,000.00	April 10, 2017	December 31, 2018	Yes
9738	Region of Waterloo	Resurfacing Multiple Urban Roads	About 1.51 km of double-lift resurfacing and about 1.53 km of single-lift resurfacing with superpave hot mix asphalt pavement to provide a safe and serviceable road that maximizes infrastructure sustainability.	\$0.00	\$2,065,000.00	April 10, 2017	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9737	Region of Waterloo	Rehabilitation of Trussler Road Bridge South and North	Review and rehabilitation of the south and north structures of the Trussler Road Bridge, involving concrete patching, full depth concrete removal, waterproofing and concrete bridge deck overlay, joint removal and semi integral conversion. Rehabilitation also involves review and repair of concrete in the substructure as well as embankment erosion control measures where necessary.	\$315,628.05	\$5,595,000.00	July 3, 2017	December 31, 2018	Yes
9736	Township of King	Replacement of Lloydtown-Aurora Rd from 19th Sideroad / Rebellion Way to Hwy 27	The roadway of 19th Sideroad (Lloydtown-Aurora Rd) is in poor condition and requires remedial action. The project scope is for full reconstruction and upgrading. This section of road is identified as a collector in the Transportation Master Plan.	\$359,645.00	\$2,250,000.00	January 1, 2017	March 15, 2019	Yes
9735	Township of King	Collard Dr, Winter Rd and Scott Cres - Top Asphalt	The Collard Drive, Winter Road, and Scott Crescent project was completed to Base Asphalt in 2016. In 2017, the Top Asphalt was applied to 2.47 lane km to complete the project.	\$0.00	\$161,170.11	January 1, 2017	March 31, 2018	Yes
9734	Township of King	Replacement of Graham Sideroad Bridge	The replacement of the Graham Sideroad Bridge was identified in the Engineer's report as required works under the Canal Improvement Project. The project is for the relocation of the Holland Marsh Drainage Canal to improve drainage and traffic safety on the roads in the marsh. The Township is responsible for replacement of the bridge within the timeframe of the Canal Improvement Project.	\$0.00	\$3,100,000.00	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9733	Region of Waterloo	Rural Road Resurfacing at Various Locations	Resurfacing approximately 10.7 km of roadway. Resurfacing involves removing the existing granular shoulder, in-place asphalt recycling and resurfacing with hot mix asphalt pavement (or replacing existing asphalt and granular base with new granular and hot mix asphalt, as appropriate).	\$0.00	\$4,955,000.00	July 10, 2017	December 31, 2018	Yes
9723	Township of Adjala-Tosorontio	Replacement of Bridge 22 on Concession Rd 5	Bridge 22 on Concession Rd 5 is being replaced.	\$25,313.50	\$399,000.00	January 2, 2018	December 31, 2020	Ongoing
9722	Township of Adjala-Tosorontio	Culvert Replacement on Catherine Street	Replacement of a deteriorated culvert on Catherine Street in the Loretto subdivision which will affect the condition of the road if not replaced.	\$11,544.17	\$140,000.00	May 1, 2017	September 1, 2019	Ongoing
9718	Township of Adjala-Tosorontio	Replacement of Culvert at Concession Road 3	Bridge #14 is a concrete rigid frame culvert originally slated to be replaced with 3 large culverts and then resurfaced. With a low BCI of 30.53, it required immediate replacement. In this project, the culvert is being replaced with a precast concrete structure.	\$13,815.38	\$498,000.00	January 21, 2016	December 23, 2019	Ongoing
9711	Township of Melancthon	Rehabilitation of Bridge Structure 015 at 2nd Line SW and Side Rd 250	Structure is showing signs of concrete deterioration throughout. Rehabilitation extends the service life before replacement becomes the only viable option. Rehabilitation involves concrete patch repairs, replacing the deck drains and barrier system, waterproofing and paving and roadside safety upgrades.	\$0.00	\$277,300.94	June 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9708	Town of Fort Erie	Culvert, Guiderail and Retaining Wall Replacements	<p>Culvert replacement on Black Creek Rd. Concrete pipe sections have either moved or collapsed and steel pipe sections have severe corrosion and section loss.</p> <p>Replacement of existing culvert and headwalls on Nigh Rd due to severe corrosion and perforations of steel pipes.</p> <p>Guiderail improvements on Church Rd and Thunder Bay Rd.</p> <p>Replacement of retaining wall on Crystal Beach Dr due to areas of cracking, concrete deterioration and severe rotation.</p>	\$0.00	\$385,000.00	January 31, 2017	December 31, 2019	Ongoing
9701	City of Thunder Bay	Renewal of Water Street Overpass	Renewal of Water Street Overpass. Design work done in 2016 with rehabilitation to be carried out in 2020.	\$0.00	\$94,528.00	March 1, 2016	September 30, 2023	Ongoing
9699	City of Thunder Bay	Cycling infrastructure on Gore St and Frederica St W	Addition of 1.2 km of bike lanes with paving and painting (Gore Street), installation of bike racks, and community engagement to increase awareness and use of Active Transportation within the City.	\$0.00	\$255,775.00	March 1, 2016	September 30, 2020	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9698	City of Thunder Bay	Road Reconstruction at Multiple Locations	Road Surface replacement to bring 2 km of arterial and residential streets from poor to good condition. Work involves removing old asphalt, and laying base and surface layers. The project is integrated into 1.1 km of water main replacement funded through water rate revenues.	\$36,634.98	\$6,418,278.00	March 1, 2016	December 31, 2019	Yes
9695	Municipality of Strathroy-Caradoc	McKellar Street Reconstruction	Reconstruction of 725 m of McKellar St. Work involves redesigning and reconstructing existing roadways and includes a geotechnical investigation, upgrades to a 825 mm storm sewer and 200 mm watermain, and replacement of a 250 mm sanitary sewer.	\$324,547.00	\$2,980,000.00	October 14, 2016	December 31, 2019	Ongoing
9687	Town of Shelburne	Reconstruction of Susan, Ann & Muriel Streets	The project encompasses all the elements needed to update the three streets - Ann, Muriel, & Susan, from open ditch to current urban standards. The project includes culverts, sidewalks, water & sewer infrastructure, drainage, rebuilt road base and new asphalt surface with curbs and gutters.	\$98,097.18	\$2,642,877.00	September 14, 2015	December 31, 2021	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9674	Township of South Frontenac	Realignment of Harrowsmith Intersection	Conversion of a five-legged intersection into a T-intersection by decommissioning one road, converting two others into a cul-de-sac, and realigning the remainder. Work also involved introducing a raised cycling facility in the urban area (transitioning into a paved shoulder in rural area), installing sidewalks from the intersection at Road 38 to St. Patrick's School on Wilton Road, drainage improvements, and removal of a bridge at end of lifecycle.	\$795,598.61	\$1,700,685.00	February 1, 2017	December 31, 2018	Yes
9663	Town of Minto	Resurfacing of Queen St (Sec 1033) in Clifford between Clark St and Ann St	Resurfacing of 140m of road and installation of one half block of water main on Queen St, Clifford between Clark and Ann Sts.	\$3,060.00	\$76,590.00	April 1, 2016	November 1, 2025	Yes
9662	Town of Minto	Road Reconstruction of James St between Main St and John St	This project is a total reconstruction of James Street in Palmerston between Main St and John St, including replacement of sanitary sewers, storm water pipes and water pipes where necessary. 320m of road was reconstructed.	\$42,840.00	\$521,564.00	April 1, 2016	November 1, 2025	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9656	Town of Smiths Falls	Reconstruction of Lorne Street from Queen Street to VIA Tracks	The reconstruction of Lorne St. from Queen St. to the VIA tracks (450 m) consisted of necessary improvements to water pressure, poor watermain condition (4/10), road condition (5/10) and stormwater management. Reconstruction consisted of replacing 455 m of 200 mm dia. watermain, 640 sq m of sidewalk to ensure accessibility, 483 m of storm drainage sewer infrastructure to manage areas of annual high water concerns and 430 m of curb for drainage containment and asphalt edge stabilization.	\$178,402.54	\$2,077,056.00	May 1, 2017	December 31, 2018	Yes
9647	Township of Kerns	Replacement of Seymour Bridge	This project consists of removing the Seymour Bridge and replacing it with a new structure.	\$17,770.90	\$1,265,000.00	March 15, 2017	December 31, 2018	Yes
9644	Township of Casey	Replacement of Belanger Bridge	This project consists of removing the old Belanger Bridge and replacing it with a new structure.	\$74,171.01	\$1,783,677.15	March 15, 2017	December 31, 2018	Yes
9641	City of Markham	Asphalt Resurfacing at Various Locations	Resurfacing 30.1 km of roads throughout the City utilizing a pavement management program. Work involves asphalt resurfacing, concrete restoration, pavement preservation (i.e., microsurfacing, routing and sealing), interlock restoration, material testing, steel and AC premium index.	\$0.00	\$5,903,000.00	May 1, 2017	June 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9631	City of Welland	Road Resurfacing at Various Locations (2016)	Rehabilitation of approximately 1,112 m of roadway on Dorothy Street, Evan Street, River Road, Pine Street & Margery Road. Streets to be resurfaced are determined based on condition and traffic counts. Resurfacing involves milling and paving, along with base repairs as necessary.	\$4,794.53	\$916,147.00	April 11, 2016	September 28, 2018	Yes
9619	City of Owen Sound	Asphalt Resurfacing at Various Locations	Resurfacing 15th Street East (3rd Ave E to 6th Ave E), 16th Street East ( 6th Ave E to 9th Ave E), 2nd Avenue West (Moores 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). Work involves milling the existing surface and placing an overlay single wearing course (or full-depth removal), with spot base improvements and placement of multiple paving courses.	\$401,675.00	\$1,200,000.00	January 1, 2016	March 31, 2020	Ongoing
9618	City of Owen Sound	Concrete Replacement - Sidewalks, Curbs and Gutters	In conjunction with asphalt resurfacing, this program involves replacing deteriorated or 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.	\$0.00	\$500,000.00	January 1, 2016	March 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9604	City of Hamilton	Resurfacing and Rehabilitation of Multiple Local Roads	This project entails the resurfacing of all the residential streets in the Southmeadow/ Berrisfield/Scenic Woods/Stoney Creek neighbourhoods along with curb & sidewalk repairs, mill and overlay of asphalt surfacing, and base asphalt repairs. Road resurfacing work includes granular A base followed by a HL-4 Hot Mix Asphalt. Approx. total length of roads reconstructed is 316.94 lane Km.	\$2,465,119.89	\$32,034,000.00	January 1, 2016	December 31, 2020	Ongoing
9603	City of Hamilton	Reconstruction of West 35th & Bowman Sts. with Sherman Access Retaining Wall Replacement	Reconstruction of West 35th (Scenic to end), Bowman (south end to Willowcrest) and Ainslie (Emerson to east end) approx. 0.79km of roads ; replacement of various deteriorated sections of retaining wall (bin wall) along the Sherman Access in order to increase safety and reduce maintenance costs; and disposal of contaminated soils; excessive rock/soil removal from surface; and granular quantity overruns.	\$345,618.29	\$3,800,000.00	January 1, 2016	December 31, 2019	Ongoing
9602	City of Hamilton	Replacement of Bridges on Birch Ave and McMurray St	Based on the OSIM bridge inspection and additional investigations completed, bridge structures listed below have become deficient and are in need of replacement in order to reduce the risk to public safety while maintaining continuity of the road network: Bridge 330 on Birch Ave (75 m south of Burlington St E), Bridge 332 on Birch Ave (95 m north of Princess St) and Bridge 090 on McMurray St (100 m south of Hatt St).	\$0.00	\$378,000.00	January 1, 2016	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9601	City of Hamilton	Resurfacing & Rehabilitation of Amberly Blvd, Greenhill Ave, Quigley Rd and Ridge Rd	Road resurfacing and reconstruction involves stripping existing asphalt to the existing granular base, planing asphalt 40 mm thick and 600 mm wide, excavating, supplying and placing Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement, removing the median island and rehabilitating part of the road.	\$0.00	\$7,266,000.00	January 1, 2015	December 31, 2020	Ongoing
9582	Municipality of Powassan	Replacement of Trout Creek Replacement at Main Street East	We need to replace the large culvert going under Main Street East in Trout Creek. It has developed a hole which the road keeps collapsing into and is in need of repair as soon as possible. The creek runs through it and the culvert is beside the CN rail line crossing. We are digging out the current culvert and replacing it with a new one.	\$316,460.59	\$700,000.00	April 10, 2017	December 31, 2018	Yes
9581	City of Windsor	Advanced Traffic Management System Upgrades	Continued upgrading and addition of enhancements to the Kimley-Horn Integrated Transportation Systems/Advanced Transportation Management Systems(KITS/ATMS) and continued upgrading of traffic controller equipment to the 2070 controller.	\$655,600.00	\$1,000,000.00	February 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9580	City of Windsor	Rehabilitation of Four Bridges	Removal of existing bridge deck waterproofing, pavement, approach slabs, ballast walls and expansion joint system. Partial depth concrete removals and repairs to abutments, wingwalls, deck, soffit and fascia. Bridge jacking and removal and replacement of existing bearing pads. Construction of new approach slabs, ballast walls, expansion joint system and bridge deck waterproofing and paving.	\$2,340,300.00	\$6,500,000.00	February 1, 2017	December 31, 2020	Ongoing
9578	City of Windsor	Improvements to Riverside Dr East Solidarity Towers to Lauzon Road	Construction phasing for improvements to Riverside Dr E from Solidarity Towers to Lauzon Road. Work involves coordination of advanced utility relocations within the right-of-way, including aerial hydro lines, cable TV/bell lines, underground cable TV/bell lines and underground gas mains. In addition to the 1,292.2 m of road being rehabilitated, 604 m of storm sewer are being replaced and 584 m of sanitary sewer (92 m of which is a relining) and 1,524 m of watermain are being rehabilitated.	\$0.00	\$680,000.00	February 1, 2017	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9575	Town of Caledon	Rehabilitation or Reconstruction of Multiple Roads	Various roads are being reconstructed or rehabilitated. The work involves the pulverizing of a total area of approx. 65,850 m <sup>2</sup> , and cold plane pavement of a total area of approx. 46,300 m <sup>2</sup> . The total section length of roads involved in this program is approx. 9,640 m. The reconstruction of the roundabout on Harvest Moon Drive at Cedargrove Road involves approx. 55 m <sup>2</sup> of concrete and the enhancement of the pavement marking.	\$11,166.12	\$801,906.00	January 1, 2016	December 31, 2019	Ongoing
9574	Town of Caledon	Construction of Sidewalks on Innis Lake Rd	This project adds to the sidewalk network on the west side of Innis Lake Road from Old Church Road to the OPP detachment.	\$264,629.55	\$308,705.68	January 1, 2016	December 31, 2018	Yes
9573	Town of Caledon	Rehabilitation and Replacement of Four Bridges	Replacement or rehabilitation of Kennedy Road Bridge #2, Credit Road Bridge, Winston Churchill Road Bridge, and McLaren Road Bridge. The objective of the project is to ensure that the Town's bridges are maintained in a state of good repair so as to maintain usability and safety. The Town has an inventory of bridges and culverts, most of which are in need of maintenance, replacement or rehabilitation. These four bridges were selected based on the results of biannual inspections.	\$3,861.71	\$3,936,593.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9560	Municipality of Bayham	Reconstruction of Maple Grove Rd and Sidewalks at Various Locations	This project involves the redesign and rehabilitation of Side Road ("Maple Grove Road") and Eden Line. Work on Maple Grove Road and Eden Line includes rebuilding the base, replacing culverts, pulverizing the existing surface, regrading the road and base drainage and culverts, and applying new granular materials and a double coat of tar and chip asphalt surface.	\$269,647.08	\$787,421.00	January 1, 2016	December 31, 2018	Yes
9549	Township of Centre Wellington	Paving Gravel Road - Sideroad 20	This project provides a new paved surface to the public. A 1.4 km section of gravel on Sideroad 20 is being paved to create a safer and more durable road design.	\$132,987.43	\$132,987.43	January 1, 2017	December 31, 2018	Yes
9548	Township of Centre Wellington	Full Reconstruction – Colborne & Gartshore Streets	This project is a full urban street reconstruction. The current road surface has well exceeded its service life, and deteriorated sewer, watermain, and road are being rebuilt. The pavement upgrades will create a safer and more durable road design.	\$0.00	\$1,339,446.00	January 1, 2017	November 30, 2018	Yes
9546	Town of East Gwillimbury	Design & Replacement of Bridge 113 & 114 on East Townline	Design and replacement of deck, superstructure, drainage and associated appurtenances on Bridges 113 (0.9km south of Holborn Rd) and 114 (0.8km north of Holborn Rd) on East Townline. Repairs/replacement are required per "Municipal Bridge Appraisal System".	\$2,490.99	\$200,000.00	June 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9545	Town of East Gwillimbury	Ditching & Culvert Realignment at Sharon Blvd and Morton Ave	Ditching and Culvert Realignment along Sharon Blvd from Farr Avenue to Conn Drive; Morton Avenue from Charles Street to William Street. Work involves regrading the ditches to provide positive flow, realigning culverts as required that have insufficient grade, and driveway restoration. Work includes up to 62 culvert realignments and 1.9 km of re-ditching.	\$15,111.36	\$190,000.00	May 1, 2017	December 31, 2019	Ongoing
9544	Town of East Gwillimbury	Old Yonge Street Redesign and Rehabilitation	Redesign improves sight line distances, vehicular safety, and reduces operating costs due to continuous bank erosion adjacent to the road. Work involves bank stabilization and 0.4 km of partial road reconstruction.	\$5,568.81	\$90,000.00	May 1, 2017	December 31, 2019	Ongoing
9543	Town of East Gwillimbury	Asphalt Resurfacing at Amberglen Ct, Arthur Hall Dr and Cedar St	Mill/pulverize existing asphalt and repave base and top course asphalt on 1.2 km of roads: Arthur Hall (from Leslie St to Howard Ave), Amberglen Cres (from Park Ave to the cul-de-sac), and Cedar Street (from 57 Cedar St to 125 m east). The section on Cedar Street to be resurfaced is currently gravel. Roads are identified in the Roads Needs Study and road patrol inspections.	\$76,462.33	\$360,000.00	December 30, 2016	October 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9506	Municipality of Leamington	Traffic Signal Installation at Multiple Intersections	<p>Oak &amp; Wigle - This intersection was identified to have high volumes of pedestrian traffic during peak traffic hours travelling between the residential areas to the north of Oak and the two Elementary schools located to the south.</p> <p>Erie &amp; Clark - This intersection has been identified for operational concerns, primarily due to poor sight lines associated with the location of the building on the northwest corner of this intersection. Our fire hall and police station are located on Clark Street.</p>	\$460,436.25	\$600,000.00	January 2, 2017	December 14, 2019	Yes
9499	City of Oshawa	Construction of a Cycle Track on Athol St	Installation of new 1.8 m separated bike lanes/cycle track on Athol Street between Centre and Mary Streets. The track combines the user experience of a dedicated path with the on-street infrastructure of a conventional bike lane. This forms part of the Active Transportation Master Plan (A.T.M.P.) to implement infrastructure required for the walking and cycling network.	\$0.00	\$687,000.00	January 1, 2016	December 31, 2019	Ongoing
9498	City of Oshawa	Sidewalk Construction on Simcoe St. North	This project is for the replacement of 765 m of sidewalk on Simcoe St. N. between Rossland Rd and Robert St.	\$0.00	\$212,000.00	January 1, 2016	December 31, 2019	Ongoing
9497	City of Oshawa	Road Reconstruction Multiple Locations	Road reconstruction including grading, boulevard, sidewalk and driveway work as well as new curbs and gutters. 558 metres of road to be reconstructed.	\$0.00	\$1,618,517.77	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9495	City of Oshawa	Resurfacing & Rehabilitation of Multiple Streets	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. A total of 6,629 m is being resurfaced.	\$18,520.36	\$2,371,499.00	January 1, 2016	December 31, 2019	Ongoing
9479	Municipality of Leamington	Implementation of Pedestrian Crossings	This project involves installing new pedestrian crossovers, new signage or rapid rectangular flashing beacons at our existing pedestrian crossings. A study to determine the need for pedestrian crossovers at various locations throughout the Municipality. The implementation of Active Transportation Facilities in accordance with the Municipality's Active Transportation Plan.	\$232,939.93	\$1,855,000.00	January 9, 2017	December 20, 2019	Ongoing
9476	City of Pickering	Rehabilitation of Sidewalks and Walkways	<p>Replacement of deficient asphalt pathways connecting Finch Ave to Lydia Cres and Longbow Dr to Rowntree Cres to allow safe pedestrian travel as an alternate mode of transportation within the community.</p> <p>Removal and replacement of existing concrete sidewalks in numerous locations in the City (Whites Rd, Baylawn Dr, Valley Farm Rd, and Foleyet Cres).</p> <p>Work also involves the Bayly St multi-path and sidewalk rehabilitation on Dixie, Gloucester, Valley, and Finch Ave.</p>	\$279,968.09	\$1,100,000.00	August 31, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9460	Town of Orangeville	Faulkner Street Rehabilitation - Elizabeth to McCarthy	Replacement of the existing 100 mm diameter watermain on Faulkner Street as it is undersized and requires 150 mm piping. Approximately 120 m of watermain is being replaced including new water services within the right-of-way, new fire hydrants and water main valves. The roadway is being reconstructed upon completion.	\$0.00	\$369,810.00	June 30, 2015	December 31, 2018	Yes
9454	County of Simcoe	Wye River North Bridge Rehabilitation	Rehabilitation of the Wye River North Bridge (str #006040), on Cty Rd 6, 0.87 km north of Conc. 2 East. The rehabilitation involves conversion to a semi-integral abutment, concrete overlay, patch repair the girders, jack girders to replace bearing pads, construction of new approach slabs and sleeper slabs, installation of new aluminum box beam railings, replacement of steel beam guide rail and waterproofing and paving.	\$0.00	\$2,225,164.30	May 1, 2017	December 31, 2018	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 (7 km) and rehabilitating Tea Lake Bridge. The reconstruction of County Road 17 provides a road platform width of 11.5 m consisting of a 3.75 m wide lane and a 2 m wide shoulder in each direction.	\$1,682,896.40	\$17,600,000.00	August 10, 2015	December 31, 2020	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9353	Town of Saugeen Shores	Road Rehabilitation and Resurfacing of Side Road 18/19	The project involves redesign and rehabilitation of Sideroad 18-19 from Bruce Road 40 to Concession 2 for a distance of 1 km. Also included is a topographical survey, culvert replacement, pulverization of existing surface, regrading roadway and driveways with new granular material and a new asphalt surface.	\$0.00	\$319,055.60	August 2, 2016	December 31, 2018	Yes
9311	Township of Ignace	Resurfacing Lakeshore Dr and Sorenson Ave	The asphalt was pulverized and removed along with unsuitable base and subgrade material. Granular A and B were to rebuild the base to achieve new longitudinal grades and improve crossfall. Catch basins and dry wells were added to improve drainage. Besides the two lanes, swales were paved to reduce runoff infiltration into the base material.  These projects were completed in 2011. Gas tax funds are being used to help pay the debt the Township incurred for the project.	\$0.00	\$3,873,130.52	May 31, 2010	September 1, 2025	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9272	City of Brantford	Trails/Bikeway Renovations	Upgrading 1.57 km (Main park access to Wilkes Dam) of the Dyke Trail Extension in Waterworks Park. The work involves installation of a 2.7 m asphalt path on the existing stone dust trail with tar and chip surface. Existing surface is being milled (full depth), additional granular A material installed to provide adequate base, and remove low spots and grade to provide surface drainage. Additional asphalt trails (350m) completed in two locations within Bridle Path Park to connect to Branlyn School	\$0.00	\$300,000.00	January 1, 2016	December 31, 2019	Ongoing
9260	City of Brantford	Road Resurfacing of Multiple Roads	Citywide road restoration and resurfacing program based on available condition information. The roads to be resurfaced are in poor condition and require partial asphalt removal and an overlay to improve the road quality and extend the service life of approximately 3.2 lane km of the City's road network.	\$0.00	\$698,262.00	January 1, 2016	December 31, 2018	Yes
9256	City of Brantford	Major Road and Service Restoration on Multiple Streets	Road portions of the full reconstruction of road, water, sanitary, and storm infrastructure on multiple roads. The need for these projects is driven by the poor condition of wastewater sewers and engineering input. The total length of all the road sections restored within this project is approximately 3,475 m representing 8.95 lane km.	\$76.32	\$6,654,479.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9219	County of Prince Edward	Reconstruction of Lucks Crossroad from County Road 8 to County Road 17	Rehabilitation of 1.84 km from County Road 8 to County Road 17. Project involves geotechnical investigation, topographic survey, ditch improvements, culvert replacements, scarifying of the existing granular surface, application of additional granular for road and driveway entrance corrections, shouldering and, application of a double surface treatment for the finished travelled road surface.	\$12,634.84	\$353,741.12	May 2, 2016	December 31, 2018	Yes
9215	County of Prince Edward	Rehabilitation of Danforth Road	Rehabilitation of 6.56 km of Danforth Road from Loyalist Parkway (County Road 33) to Baitleys Road. Rehabilitation involves in-place processing of the upper surface of the existing road surface, drainage ditch improvements, culvert replacements and asphalt paving of the travelled road surface. This road has a condition rating of 1 in the County Roads Needs Study and Asset Management Plan.	\$699,673.96	\$2,250,000.00	May 2, 2016	December 27, 2019	Ongoing
9203	City of Greater Sudbury	Road Reconstruction/Rehabilitation of Multiple Roads	Rehabilitation of Lorne St (from Martindale Rd to Logan Ave, a distance of approximately 1,000 m), Long Lake Rd (from Hwy 17 to 800 m south), and Municipal Road 35 (from Notre Dame W to Hwy 144, a distance of approximately 3,000 m). Approximately 4,800 m of roads are being rehabilitated in total.  Work involves pulverizing or milling the existing asphalt, placing new asphalt, improving pedestrian facilities and improving drainage.	\$1,083,451.65	\$11,994,724.36	April 1, 2016	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9178	City of Richmond Hill	Sidewalks and Trails Program	Approx. 2 km of sidewalks and trails were constructed in 2015 along with 63 LED lights for illumination along the sidewalk.	\$0.00	\$1,400,259.00	January 1, 2015	December 31, 2018	Yes
9167	Town of Halton Hills	Asphalt Surface Upgrade of 5 Sideroad	The existing asphalt surface was distressed and failing in various areas. The road was paved with a bonded wearing course - 11 mm thick asphalt overlay product. This innovative technology extends the life of the existing road base by 7-10 years without having to perform a full reconstruction.	\$0.00	\$350,000.00	June 3, 2015	October 30, 2019	Ongoing
9164	City of Barrie	Reconstruction of Multiple Roads	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.	\$0.00	\$6,027,219.38	January 1, 2015	December 31, 2018	Yes
9161	Town of Halton Hills	Reconstruction of Mill St W Acton - Cobble to Dublin	Pavement on Mill St W between Cobble and Dublin is in poor condition and requires full depth reconstruction. Drainage improvements are also required for stormwater and environmental improvements.	\$0.00	\$658,854.66	June 7, 2015	December 28, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9137	Town of Innisfil	Rehabilitation of Multiple Streets	Upgrading 13 km of gravel roads to asphalt. This upgrade provides safe and serviceable road pavement to maximize sustainability. These projects improve the quality of the environment through reduced greenhouse gas emissions, resulting in cleaner air and water.	\$277,318.60	\$4,433,250.00	December 1, 2015	December 31, 2019	Ongoing
9131	Town of Aurora	Road Rehabilitation of Various Streets	Construction of new roads involving curbs, sidewalks, granular base and asphalt; ditch & drainage improvements; new retaining wall structures & oil/grit separator is installed on the existing storm sewer at the creek crossing; intersection improvements at Leslie St; full depth asphalt replacement; new watermain; sidewalk repairs & ramp improvements for AODA compliance; audible pedestrian signals at the Yonge and Brookland signalized intersection. Total length of rehabilitated roads is 4.8 km	\$0.00	\$11,352,100.00	June 30, 2015	December 31, 2019	Ongoing
9122	Town of Caledon	Rehabilitation of Four Bridges	Based on a biennial inspection of bridges, four bridges are being rehabilitated: structures on McLaughlin and Beech Grove in Inglewood, and structures on Castlederg Sideroad and Duffy's Lane in Humber Glen.	\$0.00	\$2,175,220.11	May 1, 2015	February 28, 2018	Yes
9116	Municipality of West Nipissing	Sidewalk Rehabilitation Verner and Cache Bay	The project encompasses sidewalk rehabilitation in Verner and Cache Bay. The Verner sidewalk rehabilitation is 390 m on the north side of Principale, with removal and restoration on the south side. The Cache Bay project covers Waterfront Drive from Mill to Ritchie.	\$109,438.34	\$109,438.34	May 15, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9108	City of Peterborough	New Sidewalk Installations in Multiple Locations	This project involves installing 471 m of new sidewalks on Armour Rd (Spencely's Ln to Parkhill Rd), McDonnel St (Monaghan Rd to Cambridge St), Humber Rd (Southlawn Dr to Saugeen Cres), Kirk St (Reid St to Rubidge St), McKellar St and Lansdowne Place/Crawford Trail.	\$0.00	\$351,707.41	March 31, 2016	April 30, 2018	Yes
9107	City of Peterborough	Road Resurfacing multiple Streets	Surface asphalt grinding and overlay on various roads throughout the City based on the Road Needs Study. Approx. 9km of resurfacing and 5km of micro surface will be done in this project at various locations:	\$0.00	\$3,224,950.00	March 31, 2016	April 30, 2018	Yes
9106	Region of Halton	Widening of Upper Middle Rd from Winston Park Dr to Winston Churchill Blvd	Upper Middle Road is being widened from Winston Park Drive to Winston Churchill Boulevard (a length of approximately 900 m). The widened road includes a four-lane urban cross section, signalization of the intersection with Winston Park Drive and an existing commercial intersection, as well as a multi-use path on the north/west side of the roadway.	\$298,735.00	\$9,853,000.00	January 1, 2016	December 31, 2020	Ongoing
9105	Region of Halton	Design and Widening of Steeles Ave from Industrial Drive to Martin Street	The project involves the design and widening of Steeles Avenue from Industrial Drive to Martin Street, with a 4-lane urban cross section, flush median, intersection improvements, as well as dedicated bike lanes and multi-use paths on both sides of the roadway.	\$0.00	\$13,283,000.00	January 1, 2016	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9087	Region of Waterloo	Road Reconstruction in Multiple Locations Ottawa St. & others	Removal of existing asphalt and granular base to be replaced with new granular and hot mix asphalt to provide a safe and serviceable roads. 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. Roads reconstructed are Ottawa St N/Hutchison Rd/RR 8/Manitou Dr/Cedar St. Approximately 9 Kilometers of roadway.	\$0.00	\$25,345,000.00	April 4, 2016	December 31, 2018	Yes
9085	Region of Waterloo	Rehabilitation of Multiple Bridge Structures	Review and rehabilitation of five (5) 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 of concrete in the substructure as well as embankment erosion control measures where necessary.	\$0.00	\$17,050,000.00	April 4, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9068	Town of New Tecumseth	Reconstruction of Multiple Streets	These roads are selected from our Road Needs Study. The project involves pulverizing & repaving of two lifts of asphalt 40mm of HL3 & 50mm of HL8. About 6,325 tons of granular A & 9,100 tons of granular B will be used to replace the road base. A grader will be used to achieve the 2% cross fall before paving to give the road good drainage to help with longevity. The total length of roads to be paved is 1,760m and approx. 675m of storm sewer & 12 storm maintenance holes will be replaced.	\$6,115.28	\$131,672.12	May 1, 2015	October 31, 2018	Yes
9067	Township of Minden Hills	Peck Street Rehabilitation	The project involves the reconstruction of a 120m section of urban road, replacement and improvements to storm sewer network, concrete curb and gutter, and the placement of asphalt pavement and granular base.	\$27,776.62	\$333,076.88	May 19, 2017	December 31, 2018	Yes
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.	\$0.00	\$17,000.00	November 2, 2015	December 31, 2018	Yes
9060	City of Mississauga	Roadway Rehabilitation of multiple Streets	Rehabilitation of 83 lane kms on residential, industrial and arterial roads. Including curb and sidewalk repairs, driveway/apron repairs and road asphalt repairs. This will result in improved drivability and extension of the life cycle of the assets.	\$0.00	\$16,548,000.00	January 1, 2016	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9059	City of Mississauga	Bridge and Structure Rehabilitation in Multiple Locations	<p>Bridge Rehabilitation at Kos Boulevard, Wolfedale Rd and Kamato Rd. The rehabilitation work includes setting up site access, work on an erosion and sediment control system, restoring access routes, removing and replacing damaged panels, and removing and reconstructing retaining walls.</p> <p>Bridge Structure Detail Inspections and Design at Dundas St westbound and eastbound over the Credit River, Matheson Blvd over the Etobicoke Creek and Rena Road culvert widening.</p>	\$1,739,061.28	\$5,400,000.00	January 1, 2016	December 31, 2021	Ongoing
9058	City of Oshawa	Replacement of Traffic Signal Controllers	To replace 5 outdated and obsolete traffic signal controllers.	\$0.00	\$134,554.27	January 1, 2015	December 31, 2018	Yes
9053	City of Kitchener	Rehabilitation of Stirling Ave Bridge	The work on Stirling Ave Bridge (ID# 812, near Courtland Ave) includes the rehabilitation of structural concrete and patch repair to seal cracks and to seal joints. In addition, work will be done to rout and seal cracks in the asphalt, as well as renewing the chain link fence, railing and parapet.	\$0.00	\$492,000.00	April 29, 2016	December 31, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9020	City of Brampton	Bridge Replacements in multiple locations	Elgin Dr. over Etobicoke Creek bridge: the deck system (including girders, deck, sidewalk, parapet wall railing systems) are non repairable and require replacement. Chinguacousy Park bridges between ponds carries vehicular and pedestrian traffic. The support system (includes abutments and foundations) do not contain any reinforcement so bridges must be replaced. Earncliffe Park north, south & Stephen Llewellyn pedestrian bridges: all 3 bridge deck systems are non-reparable and must be replaced.	\$1,412,220.02	\$3,413,000.00	January 1, 2016	December 31, 2018	Yes
9018	City of Brampton	Resurfacing Multiple Streets	Resurfacing and associated activities on 44 streets - including rural, local, collector, industrial and arterial roadways - within the City. Work involved rehabilitating storm sewers, curbs, and sidewalks, adjusting catch basins and maintenance holes, milling asphalt, and applying a double lift overlay where appropriate. Other related activities involved restoring asphalt driveways and killstrips, and restoring boulevards and pavement markings.	\$0.00	\$10,877,000.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
9005	Town of Fort Erie	Bridge Replacements on Winger and Sunset Road	Replacement of Winger Rd (S047B) & Sunset Dr (S107B) bridges. S047B-steel girders have areas of severe corrosion and section loss near the bearings. The concrete deck soffit has areas of severe spalling and delamination. S107B-there is cracking, delamination and leakage of the concrete soffit along with scaling throughout the soffit and abutment side walls. The steel multiplate arch extensions have areas of severe corrosion. The wingwall has failed and rotated to the west by approx. 100mm.	\$4,070.00	\$1,610,000.00	May 2, 2016	December 31, 2020	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 that incorporated subsurface soil banks to mitigate storm sewer peak flows and provide soil volume.	\$276,614.19	\$10,611,565.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8983	Town of Orangeville	Princess St Reconstruction & Watermain Replacement, Bythia St. to Ontario St.	Aging water infrastructure is replaced to ensure service levels are maintained and to offset an increase in operating costs to maintain this infrastructure. Numerous leaks in recent years resulting in emergency repairs have indicated that this replacement is necessary. A full reconstruction of Princess Street is also done along with the watermain replacement to bring the street upto urban standards.	\$206,939.97	\$2,831,000.00	May 1, 2016	December 31, 2019	Ongoing
8982	Town of Orangeville	Improvement of Woodvale & Colbourne Trails	Trail improvements are required to deal with erosion issues that have been occurring over the past few years. On the Woodvale trail, the Town removed the eroded portion of the trail, rebuilt the river bank, rebuilt support under the trail, repaved the removed portion of the trail, and replanted native shrubs and grasses. On the Colborne trail, the Town removed the eroded portion of the trail, replaced an under-sized culvert with a larger one, and repaved the removed portion of the trail.	\$11,562.45	\$67,000.00	June 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8981	Town of Orangeville	New Sidewalk Construction on Amelia Street	This project involves constructing a new sidewalk on the west side of Amelia Street between McCarthy and Elizabeth Street. Residents and parents of students have requested a new sidewalk on the west side of the road to help students get safely to Princess Elizabeth Public School. Note that there is an existing sidewalk on the east side of the road and an existing sidewalk on the west side of the road north of McCarthy.	\$0.00	\$38,000.00	June 1, 2016	December 31, 2018	Yes
8978	Town of Milton	Bronte Street (Britannia to Louis St Laurent)	Bronte Street from Britannia to Louis St. Laurent Avenue was identified for widening and reconstruction in 2016. The scope of work involves widening to 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.	\$2,322.40	\$4,967,396.00	February 22, 2016	December 31, 2020	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.	\$743.00	\$1,125,269.37	February 22, 2016	June 30, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8969	Township of Woolwich	William Street Reconstruction	The William Street (Elmira) Reconstruction project from Snyder Ave N to Arthur St N (490 m) involves the replacement and upsizing of new 300 mm watermain, complete replacement of 200 mm sanitary, 200 mm storm and 200 mm drain cellar infrastructure along the length of the road section. The surface works will include a new road base, asphalt and new curbs and gutter and sidewalk.	\$0.00	\$1,975,591.34	June 30, 2016	December 31, 2021	Ongoing
8963	City of Waterloo	Roads Resurfacing multiple Streets (2015)	Glenridge Dr Reconstruction including all Under ground Infrastructure (Sanitary & Storm Sewers, & Watermains); Branstone Dr/ Dunvegan & Sandowne/ Deerberry Pl & Clearwater Cr Branstone Dr had Asphalt replaced with some sidewalk & curb repairs. Approx. 7.5 Lane Kms were repaired to good condition. Full Reconstruction of Spruce & Hickory Sts are underway.	\$0.00	\$4,443,108.78	January 1, 2015	December 31, 2018	Yes
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.	\$0.00	\$673,200.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8934	Town of Tillsonburg	Riverview Area Reconstruction	The streets included in this reconstruction were Hillside Drive and Birch Drive. The Riverview Area Reconstruction, Stage 1 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. Stage 2 streets include Highland Drive and Hillyndale from Potters Rd to 75m North of Hillside Drive.	\$357,324.19	\$886,300.00	May 2, 2016	December 31, 2018	Yes
8924	City of Brockville	William Street CNR Overpass Rehabilitation	Bridge repairs or replacements are identified during Biennial inspections performed by a structural engineer. William Street CNR Overpass has been identified as requiring the expansion joints to be replaced, abutment bearing seats to be replaced and structural repairs to the ballast walls and abutment stems.	\$0.00	\$500,000.00	January 1, 2016	December 31, 2020	Ongoing
8903	Region of Niagara	Embankment Stabilization RR 14 (Canboro Rd) at Warner	This section of road experienced slope instability and ongoing movements posing safety concerns for the travelling public and ongoing maintenance costs. In response, the city constructed a roundabout to address geometric, sight line, and traffic flow improvements at this intersection. In addition the road was realigned and lowered away from Mill Creek. This resolved ongoing slope stability issues. Mill Creek bridge was also replaced due to its poor condition.	\$143,986.46	\$4,090,000.00	April 1, 2015	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8900	City of Windsor	Development of Cycling Network	Multi-use Trail - South National between Jefferson Blvd. & Pillette Rd. (1.6 km) - A 3m wide bi-directional multi-use trail constructed on the north side of South National St. Multi-use Trail on Ojibway Pkwy, Broadway St & Weaver Rd (1.3 km)- A 3m wide bi-directional multi-use trail constructed on the west side of Ojibway Pkwy. These cycling facilities are planned to extend further south to the neighbouring community of LaSalle and north to the future Gordie Howe International Bridge Plaza.	\$97,500.00	\$1,298,057.00	January 1, 2016	December 31, 2018	Yes
8889	City of St. Catharines	Third St Louth Culvert Replacement	Replace the existing box culvert with identified structural deficiencies on a tributary of Richardson Creek from Third Street Louth to 90 m south of the CN railway.	\$16,243.70	\$850,000.00	October 5, 2015	March 30, 2020	Ongoing
8888	Region of Niagara	Intersection Improvement - King St at Greenlane and Durham (Roundabout)	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.	\$10,000.00	\$3,100,000.00	April 1, 2015	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8884	Region of Niagara	Rehabilitation of RR 18 (Mountain Rd) George St to King St, Lincoln	This project involves the reconstruction of Mountain Road to an urban cross-section to address poor pavement condition and municipal infrastructure replacements (W/M, Storm Sewer, Sanitary, & Sidewalks). This project involved road reconstruction with an urban cross section including bike lanes, storm sewer, sanitary sewer, lighting and new sidewalk. 2.1km of road was reconstructed.	\$0.00	\$6,850,000.00	May 1, 2015	December 31, 2018	Yes
8867	Municipality of Trent Lakes	Reconstruction of Beaver Lake Road	The project involves 12,000 m of full road reconstruction with widening, rock removal, grade improvements, new granulars, asphalt, ditching. 100 meters of new culverts have been installed.	\$200,000.00	\$1,886,000.00	June 1, 2016	October 31, 2020	Ongoing
8866	Village of Sundridge	Rehabilitation of John Street between Queen St and Highway 124	Remove existing road surface, excavate and install proper drainage widen road to accommodate sidewalk on northwest side of road. Fill with appropriate granular and prepare road base. Pave prepared road with appropriate grade asphalt and install interlocking brick for sidewalk.	\$62,746.38	\$1,340,239.69	March 14, 2016	December 31, 2018	Yes
8858	City of Vaughan	Installation and Replacement of Asphalt on Uplands Hiking Trails	Remove existing asphalt and granular pathway; supply, install new and/or replace asphalt paths.	\$0.00	\$183,300.00	January 1, 2015	December 31, 2019	Ongoing
8857	City of Vaughan	Improvements to the Pedestrian & Bicycle Network	Supply and install bicycle route signage/lanes and pathways at various locations.	\$0.00	\$223,410.00	January 1, 2015	December 31, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8855	City of Vaughan	Resurfacing and Rehabilitation of Multiple Streets	Work includes resurfacing/rehabilitation of 14.2 km of road surface, curb, sidewalk and any necessary restoration.	\$0.00	\$6,975,970.00	March 1, 2015	December 31, 2019	Ongoing
8854	City of Vaughan	Replacement of the King Vaughan Road Bridge	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.	\$3,598.90	\$831,500.00	March 1, 2015	December 31, 2021	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.	\$789.16	\$2,259,900.00	January 1, 2015	December 31, 2020	Ongoing
8852	City of Vaughan	Rehabilitation of the Humber Ridge Trail Bridge	Determine and implement appropriate rehabilitation strategy for the Humber Bridge Trail Bowstring Arch Bridge.	\$10,099.87	\$1,654,900.00	April 2, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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).	\$2,811,455.37	\$14,016,000.00	January 1, 2015	December 31, 2020	Ongoing
8839	City of Thunder Bay	Road Network Improvements - Golf Links/Junot Expansion	Golf Links Ave and Junot Ave roadway expansion to 4 lanes, including expansion and addition of signal lights at Riviera, recreational trails along roadway, pedestrian bridges and curb & gutters.	\$0.00	\$3,824,000.00	March 2, 2015	May 15, 2019	Yes
8838	City of Thunder Bay	Pavement Reconstruction and Rehabilitation	Rehabilitation and reconstruction of 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), together with streetlights, signal lights and sidewalks. Reclaimed asphalt pavement from the milled asphalt is incorporated into the base lift of hot mix. Timely, proactive road rehabilitation will eliminate premature major reconstruction activities.	\$0.00	\$6,744,875.00	March 2, 2015	May 15, 2019	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8835	City of Cambridge	Road Reconstruction of Multiple Streets	Reconstruction of Hopewell Rd (Severn to Fairview), Churchill Dr (Barrie to St Andrews), Bergey St (Adam to Edwards), Glen Morris Rd, Selkirk Rd, Walker Ave and Flynn Ave (approximately 3.6 km in total). Work involves reconstruction of water and sewer infrastructure, installation of new storm sewer along with new curb to improve drainage, gutter and sidewalk installation and paving.	\$0.00	\$13,120,546.00	January 1, 2015	December 31, 2019	Ongoing
8821	Town of Oakville	Bridge Rehabilitation - Warminster Drive at 14 Mile Creek	The 16.8 m bridge over 14 Mile Creek at Warminster Drive and 0.2 km south of Bridge Road is in need of replacement and rehabilitation. A detail condition assessment was completed and identified that the entire bridge deck (area of 184.8 sq. m) would need to be replaced as part of the overall rehabilitation of the structure. Rehabilitation of the bridge will also include concrete patch work, sidewalk, and railing repair.	\$64,414.00	\$1,674,000.00	January 1, 2015	December 31, 2020	Ongoing
8820	Town of Oakville	Reconstruction and Widening of Speers Road (from West of 3rd Line to 4th Line)	Reconstruction and widening of Speers Road from west of 3rd Line to 4th Line. The current roadway does not effectively support alternative travel modes; its current operation is frustrated by the absence of a centre turn lane and access points to/from adjoining lands. Improvements are necessary to incorporate all modes of travel within the corridor, address safety concerns, operational inefficiencies and ride quality.	\$206,717.00	\$18,344,000.00	January 1, 2014	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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 sewers, boulevard landscaping, on-street cycle lanes and boulevard trails/sidewalks. The improvements are necessary to address all modes of travel demands within the corridor and improve the function of the intersections over its length as development proceeds northerly from Dundas Street. Construction will extend from Dundas Street to William Halton Parkway.	\$71,222.00	\$32,851,000.00	January 1, 2010	December 31, 2020	Ongoing
8797	Town of East Gwillimbury	Construction of New Sidewalks on Mount Albert Rd and Highway 48	Construction of 875 m of new sidewalk on Mount Albert Rd (from Tyson Drive walkway to Grist Mill plaza) and Hwy 48 (from Princess St to the Foodland grocery store). The new sidewalk on Mount Albert Rd provides a direct path to the plaza, a link to the bus stop, and is within a school zone. The new sidewalk on Hwy 48 provides a direct path to the grocery store and Home Hardware, and addresses the safety concerns of area residents by keeping pedestrians off the gravel shoulders.	\$12,049.39	\$230,000.00	May 2, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8793	City of Niagara Falls	Beck & Whirlpool Rd Bridge Replacements	Beck Road Bridge: Detailed design for bridge replacement Whirlpool Road Bridge: Detailed design and rehab works based on DCS results. Design and engineering for Whirlpool Road resurfacing, bridge rehabilitation and connection of the millennium trail to the Niagara Parkway.	\$0.00	\$3,436,000.00	March 1, 2016	June 30, 2019	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.	\$0.00	\$786,000.00	May 2, 2016	July 1, 2018	Yes
8738	City of Niagara Falls	Road & Infrastructure Improvements in Multiple Locations	This project is for the reconstruction of 63,528 m <sup>2</sup> of road with new curbs and sidewalks. Also included are sewer separation, water main replacement and storm sewers. About 9,810m of sanitary, storm and 11,321m of water pipes will be replaced.	\$0.00	\$13,140,154.00	January 1, 2015	December 31, 2018	Yes
8728	City of Stratford	Rehabilitation/Replacement of Various Bridges & Culverts	Rehabilitation of Huron Street bridge (repair damaged mortar bed, replace missing stones, stabilization of retaining walls); Replacement of the McNamara Drain CSP culvert on O'Loane Avenue; bank stabilization and retaining walls at the Waterloo Street bridge; all as identified in the latest Structure Appraisal Study.	\$225,946.22	\$1,545,298.00	March 15, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8718	City of Belleville	Cycling Network Infrastructure Upgrades	Development of a cycling network throughout the City to establish continuous cycling route in the Belleville Cycling Network. The project involves paving of an existing off-road cycling path between Bell Blvd and Tracey St (410m), improvements to the existing Frank St underpass, and shared roadways/designated cycling routes on several streets. Also included is line and symbol painting, signage, paving, lighting etc. This work will result in over 17 km of bike routes in the City.	\$84,661.00	\$500,000.00	January 1, 2016	August 17, 2018	Yes
8713	Township of Centre Wellington	Full Reconstruction - Victoria & John 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.	\$0.00	\$738,494.00	January 1, 2016	September 30, 2018	Yes
8701	City of London	Local & Rural Roads Rehabilitation	The City's Annual Road Reconstruction Program (ARRP) involves the reconstruction of secondary collector and local streets. The AARP program maintains the asphalt, curb and gutter to current quality and engineering standards and replaces trees that have been removed during construction. A total of approximately 7.6 lane km of roads is being reconstructed in this project. Roads reconstructed are Westmount Dr, Monterey Cr, Notre Dame Crt, Nicholas Cr, Augusta Cr, Harrow Crt and McMaster Drive.	\$240,734.42	\$5,175,789.00	April 24, 2015	August 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8655	Town of Ajax	Construction of New Sidewalks and Trails	The scope of work involves the design and construction of 3,115 m of new concrete sidewalks and 400 m of new multi-use trails to maintain a continuous path system within the Town and increase accessible and pedestrian friendly access.	\$0.00	\$960,526.71	January 5, 2015	December 31, 2018	Yes
8560	County of Lambton	Road Rehabilitation - County Roads 2/7/14/21/22	All road sections are being rehabilitated by 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 includes sub-drain installation.	\$2,601,064.58	\$18,360,939.44	January 1, 2015	December 31, 2018	Yes
8478	Town of Kirkland Lake	Rehabilitation/Paving of Multiple Streets	The project involves road infrastructure upgrades to Government Rd, Tweedsmuir Rd, Main St, Archer Dr, Airport Rd, Lebel Ave, Earl St, Durrell St. The work includes mill and placement of grindings; hot mix and surface treatments; repairs to water main and utility cuts; rehabilitation work; and pulverizing and grading. 28.52 lane km of unpaved roads and 5.97 lane km of paved roads are impacted by this project.	\$298,500.00	\$1,420,570.58	February 1, 2015	June 30, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8460	Town of Hawkesbury	Traffic Signals Evaluation & Replacement	The traffic light study evaluates the existing traffic signals and turning movements/traffic lanes at eight intersections within the Town. Since the opening of the Highway 50 in Quebec, traffic patterns have changed significantly. For this reason and also because the Town's existing signals are dated and at the end of their useful life, it is our intention to replace all 7 traffic lights gradually within the next 5 to 10 years.	\$24,666.88	\$845,000.00	June 1, 2016	December 31, 2020	Ongoing
8441	City of Brampton	Bridge Rehabilitation	This program is required to maintain bridges to minimum standards. Ongoing bridge maintenance & rehabilitation will extend asset life. Locations include Ray Lawson Blvd. Road bridge over Fletchers Creek; Valley Brook Park north bridge and Stephen Llewellyn pedestrian bridge.	\$0.00	\$650,000.00	April 1, 2015	December 31, 2018	Yes
8392	Town of Smiths Falls	Rehabilitation of Pedestrian Bridge Structures around Rideau River Basin	Replacement and rehabilitation of the pedestrian bridge structures and spillway areas damaged due to flooding of the Rideau River basin, to ensure the safety of the public using the park, public beaches and swimming areas on the Rideau River, a UNESCO World Heritage Site. The renewal of these pedestrian bridges will promote a healthy lifestyle for those walking or cycling around Rideau River basin within Smiths Falls.	\$106.00	\$425,000.00	May 1, 2015	May 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8358	Township of Ignace	Resurfacing Pine Street and Lakeshore Drive	<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>These projects was completed in 2011. Gas tax funds are being used to help pay the debt the Township incurred for the project.</p>	\$0.00	\$3,873,130.52	May 31, 2010	September 1, 2025	Yes
8309	City of Kitchener	Bridge Rehabilitation - Old Mill & Balzer Rd	Structural rehabilitation of bridges reduces the impact of new construction on the environment. Improved bridge condition reduces vehicles operating costs and emissions.	\$518,090.00	\$720,898.00	April 15, 2016	December 31, 2018	Yes
8300	City of London	Road Rehabilitation of Multiple Streets	Rehabilitation includes mill & pave, asphalt replacement, new asphalt, new curbs and introduction of bike lanes. Total length of roads being rehabilitated is approximately 38 lane km.	\$0.00	\$11,958,981.00	April 1, 2015	August 31, 2018	Yes
8291	City of Vaughan	Rehabilitation and Replacement of Various Pedestrian Bridges	Replacement and rehabilitation of pedestrian bridge components including abutments, decks and railings etc. that have reached the end of life cycle. Bridges are located in multiple areas: Maple Airport Bridge, Keffer Marsh Bridge, and the Upland Bridge.	\$2,490.64	\$247,250.00	December 31, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8290	City of Vaughan	Don River & Bartley Smith Trail Development	Involves design and construction of Bartley Smith Trail.	\$0.00	\$172,500.00	December 31, 2014	December 31, 2019	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 Summercrest, Rymal - Dartnall to Fletcher, Hwy 8 Culvert (Dundas Hill), Brunswick / Talbot / Osbourne / Waverly / Melvin, Rymal - Upper Paradise to Garth etc.). Removing existing asphalt and granular base (120 mm deep) and plane asphalt 25 mm thick and 600 mm wide. Supply and place surface course asphalt, superpave 9.5 (Traffic Category C), PG 64-28 asphalt cement, 40 mm thick.	\$0.00	\$10,000,000.00	January 1, 2015	December 31, 2020	Ongoing
8236	City of Hamilton	Rehabilitation of Bridge 275 on York Blvd North of Valley Inn Rd	Rehabilitation of Bridge 275 on York Blvd north of Valley Inn involves the installation of heavy duty siltation control fencing, removal of the railing system and concrete posts, scarification of 40 mm of the existing concrete bridge deck, removal of delaminated/spalled concrete from the concrete deck, reconstruction of the retaining wall, railing, curbs and all restoration and replacement of the existing wooden railing with a decorative railing.	\$424,497.48	\$10,000,000.00	January 1, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8222	City of Brantford	Reconstruction of William St - Bedford to Richmond St	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 watermains, wastewater sewers, stormwater sewers and the asphalt road surface. The road base was originally constructed in 1974 and had a PCI rating of 57. Project resulted in 1.8 kilometers of improved surface.	\$0.00	\$1,235,831.93	April 1, 2015	December 31, 2018	Yes
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).	\$101,483.33	\$190,000.00	March 30, 2015	December 31, 2020	Ongoing
8216	City of Brantford	Road Resurfacing of Henry St - Harris to Freeborn Ave	Road resurfacing and restoration on Henry Street from Harris Avenue to Freeborn Street with intersection improvements. The total length of the project is approximately 295 m and represents 0.59 lane km. The road base was constructed in 1974 and the road segments had a PCI rating of 26.	\$0.00	\$939,420.00	April 1, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8214	City of Brockville	Replacement of Traffic Controllers	Ongoing traffic controllers replacement program which 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.	\$60,968.12	\$337,000.00	January 1, 2015	December 31, 2019	Ongoing
8212	City of Brantford	Reconstruction of Allenby Ave - Erie Ave to Webling St	Road, curb and sidewalk reconstruction following subsurface infrastructure replacement on Allenby Avenue from Erie Avenue to Webling Street. The work was necessary due to the age and poor condition of the underground infrastructure and resulted in a finished road surface area of 3,780m <sup>2</sup> (450m in length x 8.4m in width or 0.9 lane kilometres)	\$0.00	\$831,652.86	April 1, 2015	December 31, 2018	Yes
8209	City of Vaughan	Design & Construction of Clark Ave Bike Lanes	Convert existing salt protection pads to cycle tracks (i.e., raised bike lanes). Project involves design, stakeholder consultation and construction of cycle tracks. Construction includes (but is not limited to) intersection and driveway modifications, new asphalt pathways (where required), lamp post relocation (if necessary), and new pavement markings and signage.	\$18,633.25	\$327,000.00	December 30, 2015	June 30, 2020	Ongoing
8203	City of Vaughan	Pedestrian Walkway Improvements to Al Palladini Community Centre	Upgrade and improvement of the walkway to the Al Palladini Community Centre to increase pedestrian safety and create an accessible crossing from the sidewalk to the Centre.	\$0.00	\$59,225.00	March 31, 2014	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8197	City of Brantford	Resurfacing & Watermain Replacement on North Park St - Dundas to Charing Cross	Full road resurfacing and watermain replacement on North Park St from Dundas St to Charing Cross St (approximately 860 m, representing 3.11 lane km). Originally constructed between 1967 and 1990, the road segments have an average PCI of 78. Since 2003, 67 work orders have been generated for cracks or pot holes. The watermains, constructed from 12 to 91 years ago, have an internal diameter of 150 mm and there has been 1 recorded break since 2003 and 2 prior to 2003.	\$21,859.46	\$2,928,100.00	April 1, 2015	December 31, 2019	Ongoing
8188	City of Richmond Hill	Replacement/Relining of two Culverts	Replacement of an aging culvert with a 5.75 m wide x 15.9m long x 1.6m interior height open bottom box culvert on Gormley Court near Gormley Road East and rehabilitation of a 12.6m span bridge on Old Langstaff Road near Misty Moor Drive.	\$55,508.00	\$1,851,400.00	January 1, 2014	December 31, 2018	Yes
8187	City of Richmond Hill	Sidewalks & Trails Program	The 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. In 2014 approx. 5 km of sidewalk, trails, boardwalks will be constructed including a bridge and minor illumination.	\$100,457.00	\$863,249.00	January 1, 2014	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8173	City of Brantford	Trails/Bikeway Improvements	To upgrade 1.095 km (Morrell Street to main park access)of the Dyke Trail Extension in Waterworks Park. The work involves the installation of a 2.7m wide asphalt path on the existing stone dust trail with tar and chip surface. Existing surface will be milled (full depth), additional granular A material installed to provide adequate base and remove low spots and graded to provide surface drainage. Additional asphalt trails (400m) completed at Brier Park, Turtle Pond Park and S Brown Park.	\$0.00	\$170,277.81	April 1, 2015	December 31, 2018	Yes
8158	City of Peterborough	Reconstruction of Brealey Dr. - Lansdowne St. W. to Stenson Blvd.	This project is for the major reconstruction of a two-lane urban arterial running 1.1 km in length. Work involves asphalt pavement, concrete curb and gutter, sidewalks, bike lanes, storm sewers and turning lanes with signalization.	\$0.00	\$5,992,580.60	June 4, 2014	April 30, 2018	Yes
8151	City of Peterborough	Construction of Otonabee River Trail - Del Crary to Little Lake Cemetery	The completion of a trail program surrounding Little Lake has been a long-standing recreation facility objective of the City's Recreation Master Plan. The Otonabee River Trail is an integral component of this plan and this construction is the first phase of the trail through Del Crary Park.	\$0.00	\$2,310,000.00	April 1, 2015	December 31, 2019	Ongoing
8144	City of Oshawa	Installation of Sidewalks in Multiple Locations	Installation of 85 metres of sidewalks and sidewalk ramps at the below locations. 137 Gibb St /Simcoe Northbound @ Colborne /1579 Quail Run Dr /1661 Harmony Rd N /1890 Rockcreek Dr.	\$0.00	\$758,240.00	January 1, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8141	City of Oshawa	Asphalt Preservation	Includes the removal and resurfacing of existing asphalt and the rehabilitation of deficient curb, gutter and sidewalk in order to extend the life of 7,439 metres of roads.	\$11,633.76	\$7,343,392.50	January 1, 2015	December 31, 2019	Ongoing
8140	City of Oshawa	Design and Reconstruction of Harmony Creek Trail	Design and reconstruction of 70 metres of Harmony Creek Trail at Adelaide Avenue underpass. The trail is being replaced with asphalt and concrete.	\$0.00	\$480,000.00	January 1, 2015	December 31, 2021	Ongoing
8120	City of Greater Sudbury	Road Rehabilitation and Culvert Replacements on Multiple Streets	This project involves the rehabilitation of approximately 2,800 m of MR55, 830 m of Elm Street, and 570 m of Vaughan Avenue, as well as the replacement of a culvert on MR84 (Moose Mountain Road). Other roads (David Street, Ronald Street, Louisa Street, Kipling Court, and others) are also being rehabilitated.	\$0.00	\$13,698,401.55	April 2, 2015	December 31, 2019	Ongoing
8104	Town of Halton Hills	Construction of Prince Street Sidewalk	Engineering, design and construction required to build a sidewalk along Prince Street, between Main Street and Barraclough Boulevard, to improve pedestrians' mobility.	\$0.00	\$110,000.00	April 1, 2014	December 31, 2019	Ongoing
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.	\$0.00	\$150,000.00	November 3, 2014	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8074	Town of Fort Erie	Thunder Bay Rd Storm Drainage/Bernard Ave. Outlet	Construction of a new storm sewer on Bernard Ave to address localized flooding issues and replacement of the road structure due to its failing to meet service levels.	\$0.00	\$167,739.00	May 4, 2015	November 12, 2018	Yes
8072	Region of Halton	Reconstruction of Guelph Line from North of Derry Rd to Conservation Rd	The two-lane reconstruction of Guelph Line from 1 km north of Derry Road to Conservation Road includes paved shoulders (with provisions for cycling), formalized drainage ditches, and curb and gutter to minimize impacts at rock outcrops.	\$96,766.00	\$3,930,773.00	January 1, 2015	December 31, 2020	Ongoing
8043	City of Peterborough	Reconstruction of Sherbrooke St. - Glenforest to West City Limits	Approximately 1.6 km of Sherbrooke St is being reconstructed. Reconstruction involves work on the asphalt pavement, concrete curb and gutter, sidewalks, bike lanes, storm and sanitary sewers, turning lanes and signalization.	\$0.00	\$17,250,000.00	May 27, 2009	December 31, 2019	Ongoing
8040	City of Peterborough	Reconstruction of Chemong Rd - Parkhill to Parkway Right-of-Way	Major reconstruction to widen this road to five lanes of traffic by introducing a centre turn lane. Approx. 1.1km of roads are reconstructed in this project.	\$0.00	\$30,790,000.00	September 30, 2010	December 31, 2019	Ongoing
8038	Town of Georgina	Design and Construction of Maskinonge River Pedestrian Bridge	For the design and construction of a pedestrian bridge across Maskinonge river connecting existing trails on both sides of river. This is in accordance with the class EA and trail study completed by the town. Public consultation is required for environmental design of the bridge.	\$0.00	\$524,500.00	July 11, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
8000	City of Mississauga	Roadway Rehabilitation of multiple Streets	Road Rehabilitation at residential roads : Abruz Blvd, Netherton Cres, Scottsburg Cres and other locations. Major and Arterial roads : Burnhamthorpe Rd, Central Parkway East, Eglinton Ave, Glen Erin Dr and other locations. Resurfacing of various streets in the City of Mississauga including subdrain installation, curb and sidewalk repairs. Approximately 13.5 kms.	\$0.00	\$7,863,105.00	January 1, 2015	December 31, 2018	Yes
7998	City of Mississauga	Bridge and Structure Rehabilitation in Multiple Locations	Rehabilitation of various City owned bridges including: Bloor Street over Etobicoke Creek, Dundas Street East over Little Etobicoke Creek, Dundas Street West over Loyalist Creek and Eglinton Ave East over Etobicoke Creek. The rehabilitation work includes setting up site access, erosion and sediment control devices: Restoring access routes; removing and repaving asphalt over bridge deck; removing and replacing guiderails; and improvements to surrounding areas.	\$27,878.16	\$4,500,000.00	January 1, 2015	December 31, 2021	Ongoing
7965	Township of Brock	Bridge #20 Replacement	This project includes the replacement of Gibbs Bridge #1 (Bridge 20) on Concession 1 Thorah, 1.2 Km East of Cameron Sideroad. The project includes the replacement of the bridge, stream improvements and resurfacing the roadway in the vicinity of the bridge.	\$3,676.00	\$1,150,000.00	January 1, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
7938	Town of Milton	Road Resurfacing of Multiple Streets	Road resurfacing with asphalt overlay process to Bennett Blvd, Charles St, Farmstead Dr, Maple Ave, Market Dr, McCuaig Dr, Parkway Dr, Randall Cresc, Roseheath Dr, Waldie Ave and Esquesing Line (from Steeles Ave to James Snow Parkway). Also included is an expanded asphalt process to Henderson Rd, First Line (from Britannia to Lower Base Line),and Esquesing Line (from James Snow Parkway to Five Side Road).	\$2,199,288.00	\$12,111,706.00	January 5, 2015	December 31, 2020	Ongoing
7928	City of Mississauga	Road Rehabilitation Multiple Locations	Installation of storm sewer, manholes and catchbasins; widening of the roadway with intersection improvements to accommodate new cross section. Work includes excavation, granular placement, compaction, asphalt paving, concrete curb, sub drain installation, splash pad on east side, gravel shoulders and re-grading of existing ditches on west side and restoration of disturbed areas; installation of a 3.5m asphalt pathway with lights. Approx. 29 kms of road will be impacted by this project.	\$0.00	\$23,283,224.90	January 1, 2014	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
7927	City of Mississauga	Bridge and Structure Rehabilitation	Bridge Rehabilitation Projects including the CNR Rail (Metrolinx) Goreway Drive; Glen Erin Dr over Pedestrian Trail; Dundas St E over Little Etobicoke Creek. Conduct Bridge Structure Inspections on four bridges for construction in 2020: Dundas St E culvert over Little Etobicoke Creek (deck area 771.78 m2); Dundas St W culvert over Loyalist Creek (deck area 1483.95 m2); Bloor St bridge over Etobicoke Creek (deck area 1604.67 m2); Eglinton Ave bridge over Etobicoke Creek (deck area 1164.60 m2).	\$111,618.30	\$19,388,433.00	January 1, 2014	March 31, 2028	Ongoing
7908	City of Mississauga	Replacement of Applewood Creek Culvert Crossing Lakeshore Road East	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.	\$125,048.90	\$700,000.00	January 1, 2014	December 31, 2019	Ongoing
7891	City of Thunder Bay	Road Network Improvements Valley St. Widening	Resurfacing, widening and other improvements including catch basin work, landscaping, top soil, driveway restoration, and sidewalks. 1 km of curb & gutters are being added on each side of Valley Street between Masters and John, resulting in a total expansion of 2 km. 2 lane-km of roads are being resurfaced and an additional 2 lane-km added as part of this project to widen the roadway from two to four lanes.	\$0.00	\$2,673,804.00	March 4, 2014	May 14, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
7856	Township of Centre Wellington	Full Street Reconstruction - Chalmers & Price Streets	This project involves the full urban street reconstruction of Chalmers St (from Church St to Colborne St) and Price St with the rebuilding of the deteriorated sewer, watermain, and road. The current road surface has well exceeded its service life. The pavement upgrades will make it safer and more durable.	\$0.00	\$800,000.00	January 1, 2015	December 31, 2019	Ongoing
7781	City of Windsor	Sidewalk Rehabilitation in Multiple Locations	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.	\$237,000.00	\$3,678,744.00	January 1, 2014	December 31, 2019	Ongoing
7767	City of Markham	Construction of Multi-use Trail - Thornhill/Milliken	The construction of about 20.6 km of multi-use trail throughout the city. The work includes the construction of limestone and asphalt trail, boardwalk and pedestrian bridges.	\$248,103.49	\$16,355,328.00	January 1, 2014	December 31, 2021	Ongoing
7766	City of Markham	Sidewalk Construction in Multiple Locations	To provide approximately 8.1 km of sidewalk infrastructure to areas that do not have sidewalks or missing links on local and Regional roads. The construction of sidewalks allows the safe movement of pedestrians while promoting accessibility.	\$537,429.06	\$2,487,512.00	September 1, 2014	December 31, 2019	Ongoing
7735	Town of Ajax	Bike Lanes and Off-Road Cycle Tracks on Harwood Avenue	Installation of new bicycle lanes (950m) and off-road cycle tracks (200m) on Harwood Avenue from Lake Driveway to Westney Road.	\$0.00	\$891,690.00	February 2, 2015	June 28, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
7734	Town of Ajax	Extension of Carruthers Trail to connect to Alexander's Crossing	Design and construction of a new section (570 metres) of the Carruthers Trail to connect at Kingston Road and Alexander's Crossing.	\$0.00	\$275,000.00	February 1, 2015	December 31, 2020	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.	\$0.00	\$6,732,000.00	February 1, 2013	October 31, 2018	Yes
7639	Township of King	Replacement of Culvert 210 - King Caledon Road	Culvert 210 is located on the Caledon-King Townline, the boundary road between the Township of King and the Town of Caledon. The culvert was identified as 'needs replacement/reconstruction' as per the biennial Ontario Structure Inspection Manual (OSIM) inspection records. Design options include replacement with a steel, concrete box or relining of the existing culvert with an alternate material.	\$0.00	\$2,100,000.00	January 1, 2014	December 31, 2022	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.	\$65,658.62	\$695,043.71	April 1, 2014	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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. Approximately 3.5 km of roadway in total.	\$0.00	\$3,706,300.00	May 1, 2014	December 31, 2018	Yes
7513	City of Brampton	Bridge Rehabilitation	The bridge repairs program is required to maintain bridges to minimum standards. Ongoing bridge maintenance and rehabilitation will result in extended asset life. Under 144230 Capital project, approach ramp of the Truman Street Pedestrian bridge over CN railway is replaced as the old ramp was severely deteriorated and failed. Also under same capital project Elgin Drive over Etobicoke Creek bridge superstructure is non-repairable.	\$869,487.19	\$8,223,000.00	January 1, 2014	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
7507	Town of Fort Erie	Holloway Bay Bridge Replacement	The scope of work is for complete removal and replacement of the existing structures and headwalls for M344B and M345B. The concrete bridge deck soffits are in fair to poor condition with wide longitudinal cracks and leakage. The abutment sidewalls are in poor condition with wide vertical cracks and areas of medium to severe concrete deterioration. The head walls and wingwalls are generally in fair condition or have completely failed with cracking, scaling and concrete deterioration.	\$0.00	\$930,000.00	August 1, 2014	June 30, 2020	Ongoing
7505	City of Brampton	Humberwest Parkway Widening (Airport Road / Williams Pkwy / Castlemore Road)	Humberwest Parkway Reconstruction and Widening between Exchange Drive and Williams Parkway involves the widening of Humberwest Parkway from 4 lanes to 6 lanes and reconstruction of the existing road pavement and realignment of the Goreway Drive/Humberwest Parkway intersection. Multi-use path along the east side of Humberwest Parkway and colour patterned concrete at the intersections of Williams Parkway and Goreway Drive will be installed in accordance with design by Open Space.	\$1,597.50	\$8,400,000.00	January 1, 2014	December 31, 2020	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
7482	County of Wellington	Rehabilitation of Multiple Bridges and Culverts	Rehabilitation of Bridge 010023 on Wellington Road 10 in Moorefield; rehabilitation of Wyandot Bridge 010024 spanning the Conestogo Lake; rehabilitation of existing bridge 16038 located on Wellington Road 16 near Belwood; Rehabilitation of Wellington Rd 5 Culvert; Wellington Rd 12 Culverts 12086 & 12087.	\$881.50	\$6,300,000.00	February 3, 2014	December 30, 2022	Ongoing
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. It was listed as a "Now" need in the Town's 2014 'State of the Infrastructure-Roads Study', and is therefore being reconstructed. Reconstruction is occurring in phases to accommodate a Ministry of Transportation overpass project.	\$317,477.00	\$4,180,796.00	July 1, 2014	December 30, 2021	Ongoing
7443	City of Windsor	Road Reconstruction & Rehabilitation of Multiple Streets	Road reconstruction on various city streets including the removal of entire asphalt surface by cold milling and resurfacing of local roads with new asphalt. Work performed on 855 metres of Tecumseh Rd E, 2,625 metres of Wyandotte St E, and more.	\$4,608,016.00	\$30,798,842.00	June 6, 2014	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
7440	City of Windsor	Rehabilitation of Bridges Citywide (2014)	Removal of existing pavement and waterproofing from decks. Isolated concrete repair on deck, barrier walls, abutments, wingwalls and soffits. Removal of existing approach slabs and expansion joint system, jacking of structures and replacing bearing pads, retrofit to semi-integral abutments and new approach slabs. New waterproofing system and asphalt pavement.	\$193,000.00	\$12,630,821.00	June 6, 2014	December 31, 2019	Ongoing
7414	City of Brantford	Garden Avenue Bridge Rehabilitation	Undertaking rehabilitation/remediation structural repairs to piles and footings on the Garden Avenue Bridge to stabilize the bridge abutment and alleviate concerns regarding movement. The bridge is being monitored, and a design for major reconstruction is completed and will be activated when the monitoring warrants additional action.	\$3,893.80	\$250,000.00	April 1, 2014	December 31, 2019	Ongoing
7336	Township of Dorion	Bridge Replacement - Quimet Canyon Road	Replacement of double lane, triple span bridge consisting of steel girders with a transverse nail laminated timber deck supported on timber bents.	\$0.00	\$1,511,513.71	August 8, 2014	June 30, 2019	Ongoing
7270	Town of East Gwillimbury	Installation of New Streetlights on Bridal Path	This project includes the installation of 3 new energy-efficient LED streetlights on Bridal Path, where there are presently no streetlights. By using energy-efficient streetlights, the Town keeps energy costs low and reduces greenhouse gas emissions.	\$0.00	\$19,784.38	May 5, 2014	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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. The project involves the rehabilitation of girder ends; conversion to semi-integral abutment details; replacing sidewalk, parapet walls and railings; repaving and waterproofing asphalt wearing surface.	\$0.00	\$707,030.21	May 1, 2015	December 31, 2018	Yes
7258	City of London	Rehabilitation of Multiple Bridges	Rehabilitation of the Highbury Ave Bridge over the CN Rail and the Veterans Memorial Parkway Bridge involved replacement of expansion joints, repairs to the concrete deck, waterproofing and re-paving bridge deck, bearing replacement and repairs to the sub-structure elements including pier columns, pier caps and abutments. Rehabilitation of the Vauxhall Bridge included approach slabs and expansion joints. The rehabilitation extends the life of the bridge structures.	\$0.00	\$4,689,852.00	March 1, 2014	May 31, 2018	Yes
7257	City of London	Rehabilitation of Multiple Main Streets	City wide road asphalt pavement rehabilitation program involves processes such as asphalt mat replacement, mill & pave or expanded asphalt with overlay to extend the service life. Works involves rehabilitation of deficient curbs, gutters and sidewalks. Approximately 45 lane km are being reconstructed.	\$0.00	\$10,770,885.00	May 1, 2014	June 30, 2019	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
7225	County of Prince Edward	Road Rehabilitation - County Roads 1 and 8 and Crowes Rd	Rehabilitation of the existing pavement for three County Roads including drainage improvements where required. The total length of roads being rehabilitated is 9.9 km and includes segments of County Road 1, County Road 8 and Crowes Road. The roads had a condition rating of 1 (poorest condition).	\$1,348,153.36	\$5,340,000.00	June 2, 2014	December 31, 2019	Ongoing
7221	Township of Drummond/North Elmsley	Bridge Replacement - Armstrong & Buttermilk Bridges	The project involves redesign and replacement/upgrading of existing bridge structures including geotechnical investigation, topographic survey, regrading of roadway approaches, upgrading approach guard-rails along with inspection and construction.	\$0.00	\$1,000,000.00	May 1, 2014	December 31, 2022	Ongoing
7217	City of Niagara Falls	Thorold Stone Road Extension	New road providing better access to new arena complex. Complete road construction including curb, gutter, sidewalks, sanitary and storm sewers, watermains and streetlighting.	\$1,018,959.53	\$3,968,155.00	July 14, 2014	December 31, 2018	Yes
7184	City of Brockville	Construction of Brock Trail	The construction of Brock Trail, a multi-use active transportation pathway connecting the south end of Brockville with the north end, will enable and promote active transportation throughout Brockville. The route covers approximately 8 km of trail and includes paved bike lanes as well as bridges.	\$82,000.00	\$2,121,000.00	March 1, 2013	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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 completed in 2012 recommended that the bridge be replaced with a new bridge on a new alignment, requiring relocation of the intersection with Dundas St W.	\$0.00	\$10,600,000.00	January 1, 2013	June 15, 2018	Yes
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).	\$6,086.11	\$885,311.00	May 9, 2013	October 31, 2019	Ongoing
7093	City of Thunder Bay	Pavement Reconstruction and Rehabilitation	Rehabilitation and reconstruction of various streets including Arthur Street, Begin Street, Brown Street, Cornwall Street, Edward Street, Leslie Avenue, and Lithium Drive, resulting in surface and base improvements to over 36 lane-km previously rated as poor. Also included is a railway crossing upgrade.	\$0.00	\$3,456,826.00	March 4, 2014	May 14, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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.	\$610,130.91	\$6,028,489.00	June 1, 2014	December 31, 2019	Ongoing
7030	County of Frontenac	K&P Trail Development	Development of the K&P Trail began with major land acquisitions in 2007. In 2009, a Trails Master Plan and Implementation Plan were approved by Council. The development of this multi-use trail - running from Kingston to and through the village of Verona - offers an alternative transportation network for our residents and visitors, links us into the Trans Canada Trail system, connects our communities, and provides healthy lifestyle and recreational opportunities.	\$0.00	\$2,400,000.00	January 1, 2013	December 31, 2020	Ongoing
6992	City of Vaughan	Extension of the Humber River-William Granger Greenway Trail System	Strategic continuation of trail system per the City's Master Plan. Location: Humber River-William Granger Greenway between Pine Grove Road and Langstaff.	\$6,027.89	\$616,200.00	May 1, 2012	June 30, 2023	Ongoing
6989	City of Vaughan	Pedestrian and Bicycle Network Implementation	Supply and install approximately 13 km of bicycle route signage on various local and regional roads; design bike lanes and shared roadways; and install bike parking on various local roads and outside City buildings.	\$850.15	\$59,250.00	April 1, 2013	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
6987	City of Vaughan	West Don Valley South Open Space Pedestrian Bridge Replacement	Design and construction for replacement of the pedestrian bridge located in West Don Valley South Open space.	\$10,754.75	\$57,500.00	April 1, 2013	December 31, 2019	Ongoing
6986	City of Vaughan	Uplands Golf & Ski Centre Pedestrian Bridge Replacement	Installation of a pedestrian bridge structure to replace the existing bridge.	\$0.00	\$117,415.00	April 1, 2013	December 31, 2018	Yes
6981	City of Mississauga	Cycling Infrastructure in Various Locations	<p>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.</p> <p>This project includes new cycling facilities at Thomas St and Central Parkway East MUTs, McLaughlin Rd bike lanes and Tomken Rd MUTs, Creditview Road and Dundas St W MUTs. A total of 9.6Km.</p>	\$0.00	\$5,130,000.00	October 22, 2013	December 31, 2019	Ongoing
6950	Town of Halton Hills	Road Resurfacing of Multiple Streets	Road sections of 4th Line and 17 Side road have reached their expected lifecycle and are experiencing deterioration in areas. This project involves upgrading 5.50 lane km of surface treated road to an asphalt road to accommodate increased traffic volumes within the rural area. As part of the resurfacing of 17 Side road, a 1.60 m wide paved shoulder is being created to provide for cyclists using the road.	\$61,092.64	\$1,688,066.40	May 14, 2014	June 29, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
6945	Region of Niagara	Reconstruction of RR61 Portage Rd & RR87 Lakeshore Rd	Reconstruction of a rural and semi-rural arterial roadway to an urban arterial roadway. This involves widening and intersection modifications to improve traffic flow. The length of the roads reconstructed was 4.05 km.	\$110,357.01	\$3,150,000.00	December 9, 2014	December 31, 2019	Ongoing
6910	Region of Peel	Construction of Multi-Use Trails/Sidewalks/Bike lanes	Design and construction of 2.1km multi-use trails on Derry Road-Argentia to Millcreek and on Airport Road-Countryside to Mayfield. Improved lighting, signage and traffic signals/road crossing enhancements on trails of Britannia Rd, Erin Mills Parkway to Winston Churchill Boulevard. Construction of 1.36km sidewalks on Derry Road-Rexwood to Highway 427 and Dixie Road-Derry to Courtneypark. Design & implementation of a buffered 1.5km bike lane on Dixie Road-Lakeshore to just south of the QEW.	\$88,373.41	\$3,257,929.00	January 1, 2013	December 31, 2019	Ongoing
6883	City of Hamilton	Reconstruction and Resurfacing of Various Roads	Reconstruction and resurfacing of various local roads, involving road and sidewalk reconstruction and associated works, stripping existing asphalt to the existing granular base, planing asphalt 40 mm thick and 600 mm wide, excavating, supplying and placing Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement, removing the median island and rehabilitating part of the road.	\$0.00	\$40,450,000.00	April 14, 2014	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
6882	City of Hamilton	Replacement of various Bridges including 163 (Centennial Parkway N) & 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.	\$1,418,576.27	\$8,000,000.00	April 12, 2014	December 31, 2020	Ongoing
6867	Region of Halton	Widening RR 25 from 2 to 4 Lanes Between Highway 407 and Britannia	Widening of Regional Road 25 from 2 to 4 lanes from Highway 407 to Britannia and the re-alignment of intersection at Lower Base Line. The most significant output from this project is the development of a sustainable transportation corridor, which minimizes impacts on the environment (e.g. air quality). To meet the gas tax funding criteria the project will utilize recycled materials and install turning lanes and traffic lights to improve traffic flow.	\$0.00	\$14,102,785.00	January 1, 2014	December 31, 2019	Ongoing
6866	Region of Halton	Dundas Street - Widening 4 to 6 lanes from Bronte to Proudfoot	Widening of Dundas Street from four to six lanes between Bronte Road and Proudfoot Trail in the Town of Oakville. The most significant output from this project is the development of a sustainable transportation corridor, which minimizes impacts on the environment (e.g., air quality).	\$0.00	\$32,645,505.00	January 1, 2014	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
6715	City of Waterloo	Asphalt Road Resurfacing	Asphalt Road Resurfacing based on priority roads as identified by our Pavement Quality Index. The work consists of the removal and replacement of both lifts of asphalt, including some granular base repairs, Installation of Base Asphalt & Surface Asphalt (Approx. 110mm thick), includes some bike lanes & infill sidewalks. Approx. 3,685m of road will be resurfaced in addition to the 840m of sidewalk and 3,600m of bike lanes.	\$0.00	\$6,895,129.13	August 6, 2013	December 31, 2018	Yes
6634	City of Peterborough	Road Reconstruction of Parkhill Road to City Limits	Installation of three (3) traffic signals and left turn lanes at the intersections of Parkhill Road West with Wallis Drive, Ravenwood Drive, and Chandler Crescent and a roundabout at Parkhill Road West and Brealey Drive.	\$0.00	\$14,612,000.00	September 1, 2013	December 31, 2020	Ongoing
6629	City of Owen Sound	8th Street Bridge Rehabilitation	This project involves the rehabilitation of waterproofing/membrane under the wearing surface, approaches, sidewalk and surface (the surface is cracking where water and chlorides are penetrating). Work is required to prolong the life of the 8th Street Bridge and prepare it for additional traffic when the 10th Street Bridge is closed in 2019/2020.	\$0.00	\$200,000.00	July 1, 2013	March 31, 2020	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.	\$4,893.89	\$900,000.00	April 1, 2013	November 30, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
6603	Town of Ajax	Road Network Improvements in Downtown Ajax	EA, Design and Construction of Downtown Ajax Road Network improvements to support the redevelopment and intensification of the Ajax Plaza lands. The reconstruction of Commercial Avenue (472m) from Hunt Street to Station Street includes on-street parking, cycle tracks and sidewalks on both sides of the roadway, new traffic signals and dedicated left turning lanes at four access points. Reconstruction of Commercial Ave and access roads is contingent on the timing of the Central Park development.	\$0.00	\$3,110,000.00	June 30, 2013	December 31, 2024	Ongoing
6538	Municipality of Port Hope	Molson Street Bridge Sidewalk Widening and New Sidewalk from Cavan to Hope Street N	Widening of the sidewalk on Molson Street Bridge by 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. The existing centre line is being shifted 0.6 metres to the north and the existing deck drains and catch basins re-located. New pedestrian railings, curb and sidewalk are being installed.	\$0.00	\$250,000.00	May 20, 2013	December 31, 2019	Ongoing
6509	Municipality of Leamington	County Road #20 Multi-Use Trail	Construction of a hard surfaced multi-use trail from Essex County Rd #31 to Sherk Street along the road allowance of Essex County Rd #20. The hard surface multi-use trail will give local residents and visitors a safe and enjoyable alternative to motorized vehicles.	\$800,540.75	\$2,506,500.00	June 24, 2013	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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.	\$0.00	\$605,000.00	January 1, 2012	December 31, 2018	Yes
6239	City of Waterloo	Expansion and Upgrading of multiple Trails and Pedestrian Bridges	Removal and replacement of pedestrian bridges; addition of 5 pedestrian refuge islands; 1.5 Km of new asphalt trail construction between downtown Kitchener & uptown Waterloo; North & South Banks of Laurel Creek - Installation of an Amour stone wall for a new water flow gauge station; 2 kms of trails were improved for safety; 2.4 km of street bike lanes on Lake Louise Blvd & 3.6 km on Lexington Rd; Installed way finding signage on Trans Canada Trail & Waterloo Interior Trail Loop.	\$0.00	\$3,645,325.68	January 1, 2012	December 31, 2018	Yes
6230	Town of Halton Hills	Traffic Signal Upgrade	To increase traffic signal visibility and improve motorists' safety. To upgrade existing pedestrian signals to countdown units and improve pedestrian safety. To reduce electrical power consumption by 90% and to recover equipment cost through energy savings.	\$0.00	\$90,000.00	January 1, 2013	September 30, 2019	Ongoing
6164	City of Mississauga	Detailed Inspections/Design & Rehabilitation of multiple Pedestrian Bridges	Rehabilitation of Pedestrian Overpass at Ogden Avenue to North Service Road. Detail condition surveys, design work and rehabilitation of Mississauga Road over Mullet Creek, Burnhamthorpe Road Over Sawmill Creek, East and West Bound Glen Erin Drive Over the Pedestrian Trail and the Pedestrian Overpass Over Derry Road.	\$73,315.54	\$3,224,605.40	June 17, 2013	August 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
6163	City of Mississauga	Rehabilitation of various existing roadways	Rehabilitation of various existing roadways, approximately 80 roads totalling 42 kms/417,000 sq metres. 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.	\$0.00	\$27,875,693.00	March 22, 2013	December 31, 2018	Yes
6141	City of Vaughan	Marita Payne Park Bridge Replacement	Removal and replacement of deteriorating pedestrian bridges at Marita Payne Park.	\$1,570.00	\$470,000.00	May 2, 2011	December 31, 2018	Yes
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.	\$2,120,760.29	\$11,255,623.00	May 10, 2012	December 31, 2020	Ongoing
6132	City of St. Catharines	Burgoyne Bridge replacement - sidewalks	This project in conjunction with the Region's Burgoyne Bridge replacement provides for the replacement and widening of the sidewalks from 1.8m in width to 2.4m resulting in a more walkable and accessible sidewalk.	\$91,961.55	\$3,250,000.00	March 3, 2014	September 30, 2019	Yes
6070	City of Hamilton	Reconstruction and Rehabilitation of Bridges 315, 087 and 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.	\$3,527.01	\$11,000,000.00	May 13, 2013	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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.	\$95,488.35	\$30,500,000.00	March 18, 2013	December 31, 2019	Ongoing
6058	Region of Niagara	Road Reconstruction in Multiple Locations	This project involves 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. The length of road reconstructed was 2.8 kms.	\$0.00	\$11,250,000.00	July 1, 2013	December 31, 2018	Yes
6042	Town of Milton	Urbanization of 5th Line	<p>The road segment from Highway 401 to Main Street is being reconstructed to a 2 lane urban cross section with improved geometry around the tributary of 16 Mile Creek including the structure replacement. A small portion of the road needs to be expanded to 4 lanes as it approaches Main Street.</p> <p>The road segment from Main Street to Derry Road is to be reconstructed to a 4 lane urban cross section with an at-grade crossing of the CP railway.</p>	\$76,257.41	\$33,452,403.52	January 1, 2016	December 31, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
6010	Region of Halton	Widening and Realignment of Tremaine Road	The Regional Official Plan and the Transportation Master Plan envision Tremaine Road as a major north-south arterial providing regional connection west of the Town of Milton. New 4-lane road from Main Street to Steeles Ave; Widening 2 to 6 lanes from Derry Rd to Britannia Rd; new 4-lane road from Steeles to James Snow Parkway; Rail Grade Separation at CN Crossing; Bridge over sixteen Mile creek. A new Tremaine Road interchange at Highway 401 is also planned and currently in design.	\$0.00	\$187,219,000.00	January 1, 2011	December 31, 2024	Ongoing
5918	City of Windsor	Traffic Signal System Upgrade/Improvements	Traffic signal system upgrades and signal improvements at various locations throughout the city. In 2018, there were 23 intersections that were upgraded with advanced traffic management systems to improve the traffic flow.	\$451,500.00	\$1,750,000.00	January 1, 2012	December 31, 2018	Yes
5663	City of Niagara Falls	Road & Infrastructure improvements in Multiple Locations	Reconstruction/widening of 63,086 m <sup>2</sup> of road with new sidewalks, including sewer separation, water main replacement and new storm sewers. Approx. total length of storm and sanitary sewers replaced will be 10,486 m. In addition, about 3,559 m of water pipes will be installed.	\$0.00	\$13,057,941.00	April 15, 2012	December 31, 2018	Yes
5443	City of Brampton	Streetlighting Infrastructure Upgrades	New Streetlight installations, infrastructure upgrades & establishment of an inventory data management system. Luminance design requirements & luminance uniformity facilitate traffic flow & traffic safety. 592 streetlights have been installed.	\$20,335.95	\$4,019,000.00	January 1, 2011	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
5355	City of Waterloo	Sidewalk Installation and Replacement	Approximately 3.1 km of new sidewalks installed (on Northland Rd, Randall Dr, Kumpf Dr, & Frobisher Dr). Approximately 0.84 km of sidewalks were replaced (Hickory St, Sunnysdale, Dick St, & Westmount Rd) all to improve the Active transportation network.	\$0.00	\$983,980.19	June 1, 2011	December 31, 2018	Yes
5350	City of Peterborough	Otonabee River Trail - Phase 3 - (ORT to George St.)	Phase 3 of the Otonabee River Trail Project represents the logical connection of the Trail to George Street and would be approximately 50m in length. The entrance is key to connecting the waterfront to the downtown's main street and the only opportunity to do so.	\$10,851.00	\$120,000.00	September 1, 2011	December 31, 2019	Ongoing
5163	City of Brampton	Road Resurfacing of multiple Streets	Work includes the repair of deficient curb, sidewalk, storm sewers, driveway aprons and sod (where effected). Also includes the rebuild and/or adjustment of catch basin and maintenance hole frame/lids within the roadway. Pavement is resurfaced with an 80-90 mm asphalt overlay- the most common method, or full asphalt removal/expanded asphalt are utilized when appropriate. In 2011, approximately 61 lane kilometers of roadways were resurfaced to extend the life of the roads for 15-20 years.	\$0.00	\$58,565,000.00	January 1, 2011	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
5146	Town of Oakville	Reconstruction and Widening of Fourth Line	Reconstruction/widening of Fourth Line from Speers to Wycroft to expand the level crossing and improve safety features (e.g., coordinated CN/Traffic signals, escape lane and/or signal pre-emption). Improvements are necessary to address travel demands within the corridor, and improve function of the intersection and safety aspects of the Fourth Line level crossing.	\$0.00	\$6,996,568.00	March 1, 2010	December 31, 2018	Yes
5143	Town of Oakville	Reconstruction of Lakeshore Road	Reconstruction of various road/bridge deck segments to urbanize for all modes of travel and ensure a state of good repair. Improvements are necessary to address all modes of travel demands within the corridor, enhance the function and state of good repair for these assets. Segments are 204 m (3,672 sq m), 19.6 m (335 sq mt) and 801 m (6,010 sq mt) in length (areas in ellipses).	\$0.00	\$11,844,423.00	March 1, 2010	December 31, 2018	Yes
5061	Township of Jocelyn	Resurfacing Multiple Local Roads - Hot Mix Asphalt	Resurfacing involves improving the oil and chip layer on municipal roads to make them safer to travel on. Work also includes realignment, ditching, and installation of new culverts where appropriate.	\$0.00	\$153,374.00	May 1, 2013	December 31, 2018	Yes
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.	\$29,190.69	\$2,147,000.00	November 1, 2011	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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
3501	Region of Halton	Widening and Improvement of RR 25 (between Highway 401 and SR 5)	Road widening from two to four lanes between Highway 401 and No. 5 Side Road (Campbellville Road) in the Town of Milton.	\$0.00	\$8,700,000.00	December 31, 2007	December 31, 2019	Ongoing
3500	Region of Halton	Road Widening & Improvements RR25 (QEW to 407)	Road widening from two to four lanes between QEW to south of Upper Middle Road (Regional Road 38) in the Town of Oakville.	\$0.00	\$10,969,000.00	January 1, 2008	December 31, 2019	Ongoing
3142	Town of Spanish	Road Rehabilitation of multiple streets (2011)	Rehabilitation of approximately 6.2 km of roads involving excavation, ditching, drainage improvements, application of gravel on Declerk Road and Shedden Backline, and application of pavement on Spanish Public Road.	\$44,336.53	\$2,716,947.38	June 1, 2009	October 1, 2018	Yes
2919	Town of Oakville	Roadway resurfacing	Resurfacing and rehabilitation of various town roads resulting in reduced vehicle operating costs, improved ride quality, and reduced gas emissions. Approximately 34.3 centreline kilometres of roadway are being rehabilitated through various strategies including road resurfacing, major patching and crackfilling operations. This project has reduced the number of deficient roads below target pavement quality index from 8.5% to 7.3% in 2017.	\$0.00	\$52,000,452.00	March 11, 2009	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
2230	Region of Halton	Widening Dundas Street between Oak Park Boulevard and Highway 403	Detailed design and construction for the widening of 4.1 km of Dundas St (Regional Road 5) from four to six lanes between Oak Park Blvd and Hwy 403. The need for additional capacity in this section of the corridor was confirmed as part of the Class Environmental Assessment Study filed in October 2004.	\$0.00	\$37,465,000.00	September 1, 2009	December 31, 2019	Ongoing
2228	Region of Halton	Widening Steeles Avenue between Trafalgar Road and Winston Churchill Avenue	Detailed design and construction for the widening of 4.7 km of Steeles Ave (Regional Road 8) from two to four lanes between Trafalgar Rd (Regional Road 3) and Winston Churchill Blvd (Regional Road 19) in the Town of Halton Hills (Georgetown). Need for additional capacity in this section of the Highway 401 corridor was confirmed as part of the Class Environmental Assessment (EA) Study, which was filed in September 2004.	\$0.00	\$37,695,000.00	September 1, 2009	December 31, 2019	Ongoing
2227	Region of Halton	Widening Steeles Avenue between James Snow Parkway and Trafalgar Road	Detailed design and construction for the widening of 4.1 km of Steeles Ave (Regional Road 8) from two to four lanes between James Snow Pkwy (Regional Road 4) and Trafalgar Rd (Regional Road 3) in the Town of Halton Hills. The need for transportation corridor improvements was identified in the Halton Functional Roadwork and North Halton Transportation Study as well as the 2004 Halton Transportation Master Plan and was confirmed as part of the Class EA Study filed in August 2006.	\$0.00	\$19,292,000.00	September 1, 2009	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
1779	Town of Oakville	Construct grade separation of Kerr Street & 3 Canadian National Railway main lines	Construction of the new Road/Rail Grade Separation as outlined in the Environmental Assessment Study. This project will deliver an improved travel corridor and eliminate the safety issues associated with high volume level crossing points. This eliminates the need for pedestrian, cyclist and vehicular traffic to stop and wait while a train is occupying and/or crossing, thereby reducing GHG emissions and improved travel times for the public.	\$0.00	\$65,544,000.00	June 1, 2008	December 31, 2024	Ongoing
1367	Region of Halton	Design & Construction of 4 lane Appleby Line	Design and construction for the widening of 1.6 km of Appleby Line (Regional Road 20) from two to four lanes between Hwy 407 and Taywood Dr in City of Burlington. Includes improvements at Dundas St intersection and provision of a 4.2 m wide shared curb lane to accommodate cyclists. If there is a higher cyclist volume, a 1.2 m delineated cycling lane may be provided. In the future, the outer lanes could be converted to HOV lanes during peak hours and then to Bus Rapid Transit.	\$0.00	\$18,435,000.00	April 1, 2005	December 31, 2019	Ongoing
1319	Region of Halton	Design and Construction of James Snow Parkway with Bicycle Lane	Detailed design and construction of 3.0 km of James Snow Parkway (Regional Road 4) for the new four-lane construction from Steeles Ave to Boston Church Rd in the Town of Milton. Includes a minimum 1.0 m wide paved shoulder to accommodate cyclists.	\$0.00	\$18,911,000.00	April 1, 2005	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
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 #s 50 & 51 - Glen Sandfield Road, Structure # 53 - Old Military Road and Structure # 55 - Power Dam Road.	\$45,729.62	\$10,220,845.36	January 1, 2006	December 31, 2023	Yes
572	City of London	Construction of Bike Lanes in Multiple Locations	This project is for the creation of bike lanes on roads in accordance with the Bicycle Master Plan. Lanes may be included as part of a resurfacing program with some widening, infrastructure renewal project, or even the simple placement of pavement markings to define the lane. Overall, the project provided approximately 4.8 lane km of new bike lanes.	\$0.00	\$2,500,000.00	April 10, 2006	March 31, 2018	Yes
338	Region of Halton	Design and Construction of Dundas St (RR 5) & Sixteen Mile Creek bridge	Detailed design and construction for the widening of 2.6 km of Dundas St (Regional Rd 5) from four to six lanes between Neyagawa Blvd (Regional Rd 4) and Proudfoot Trail, including a new bridge crossing Sixteen Mile Creek. Includes provision of a minimum 4.2 m wide shared curb lane along the road and across the bridge to accommodate cyclists.	\$0.00	\$59,270,342.00	April 1, 2005	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
336	Region of Halton	EA & Expansion of Upper Middle Road (Regional Road 38)	Class EA and widening of 0.9 km of Upper Middle Rd (Regional Rd 38) from two to four lanes between Winston Park Dr and Winston Churchill Blvd (Regional Rd 19). Includes provision of a minimum 4.2 m wide shared curb lane to accommodate cyclists.	\$0.00	\$540,000.00	September 9, 2005	December 31, 2020	Ongoing
328	Region of Halton	Ninth Line Widening & Improvements	Class EA and widening of 2.0 km of Ninth Line (Regional Rd 13) from two to four lanes between Upper Middle Rd (Regional Rd 38) and Dundas St (Regional Rd 5). Includes provision for a minimum 4.2 m wide shared curb lane to accommodate cyclists.	\$0.00	\$16,093,447.00	June 1, 2007	December 31, 2019	Ongoing
327	Region of Halton	EA and Expansion of Trafalgar Road (Regional Road 3)	Class EA and widening of 5.3 km of Trafalgar Rd (Reg. Rd 3) from four to six lanes between Upper Middle Rd (Reg. Rd 38) and Hwy 407. Trafalgar Rd will be a major transit corridor (high-order system - HOV lanes or dedicated transitway) that could provide for inter-regional transit service. Also included are intersection improvements, raised median and multi-use paths/sidewalks, and a 4.2 m wide shared curb lane for cyclists.	\$589,670.00	\$38,166,000.00	May 1, 2010	December 31, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Local Roads and Bridges</b>								
326	Region of Halton	Neyagawa Boulevard Widening & Improvements	Class EA and widening of 3.0 km of Neyagawa Blvd (Regional Road 4) from two to four 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 wide shared curb lane to accommodate cyclists. In areas with high cycling volume, a minimum 1.2 m wide delineated cycling lane may be provided.	\$0.00	\$19,209,151.00	November 1, 2006	December 31, 2019	Ongoing
126	City of London	Thames Valley Parkway Trail Construction	Construction of a trail to link a campus of the University of Western Ontario (UWO) and a London neighbourhood to the main pathway system, providing access to the rest of UWO and downtown and encouraging active transportation. Since 2006, the City has constructed approximately 8 km of new pathway.	\$0.00	\$2,582,838.00	November 1, 2005	September 28, 2018	Yes
101	City of Markham	Implementation of Bike Lanes and Pathways	Markham has completed its Cycling and Pathways Master Plans and has identified a system with over 340km of bicycle routes and recreational trails. This project is a major capital initiative to establish the first bike network for the City and to demonstrate the City's commitment to promoting alternative modes of travel.	\$0.00	\$2,369,699.00	May 1, 2006	December 31, 2019	Ongoing

**Total Federal Funds Used: \$395,557,836.69**

**Total Project Costs: \$3,166,957,927.55**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
11992	Town of Cobourg	Installation of Transit Scheduling Software	The new scheduling software allows the currently 590 active users of our Wheels Trans system to schedule their trips in advance and makes the system operate more efficiently. It also allows conventional transit users more information on the transit routes and schedules.	\$42,705.53	\$77,500.00	March 1, 2018	December 31, 2018	Yes
11991	Town of Cobourg	Installation of Audible & Visual Stop Announcements in Transit Vehicles	This project improves the level of service by providing audible and visual stop announcements. Cobourg's three conventional transit vehicles are now equipped with this feature.	\$5,698.56	\$28,681.00	August 1, 2017	April 30, 2018	Yes
11981	Regional Municipality of York	Design, Construction and Expansion of Rapidway Facilities and Terminals	Design, construction and expansion of rapidway facilities and terminals including the Operations, Maintenance and Storage Facility in Richmond Hill, various park n ride facilities and new terminal in the City of Markham.	\$14,706,233.51	\$209,073,000.00	January 1, 2018	December 31, 2019	Ongoing
11934	Regional Municipality of York	Expansion and Upgrade of Transit Systems	Expansion and upgrade of fare collection systems and various intelligent transportation systems to support growth, improve productivity and customer service.	\$3,212,017.04	\$3,212,017.04	January 1, 2018	December 31, 2018	Yes
11933	Regional Municipality of York	Design, Construction and Expansion of Bus Stops and Terminals	Design and construction of new, and expansion of existing transit facilities including a commuter carpool lot at Major Mac. East and Highway 404, installation of 13 new bus stop shelters, 111 bus stops concrete passenger standing areas, and various upgrades on terminals.	\$1,987,684.18	\$3,210,000.00	January 1, 2018	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
11932	Regional Municipality of York	Construction of Transit Garage North	Construction of a bus storage and maintenance facility at 18110 Yonge St. to accommodate the growing fleet.	\$7,517,196.08	\$20,530,000.00	January 1, 2018	December 31, 2019	Ongoing
11930	Regional Municipality of York	Bus Purchases to Support Expansion of the Transit Fleet	Purchase of Seven (7) buses to support fleet expansion and service growth.	\$3,176,282.74	\$3,410,000.00	January 1, 2018	December 31, 2018	Yes
11738	City of Hamilton	Purchase of New Buses for Hamilton Street Railway (HSR)	Purchase of 18 new buses for the Hamilton Street Railway (HSR).	\$3,996,094.48	\$25,885,000.00	January 1, 2017	December 31, 2020	Ongoing
11410	City of Brampton	Implementation of Transit IT Initiatives	Hastus software modifications to help transit become more efficient in delivering services. The upgrades have enhanced features, better algorithms and are able to better support new/mobile technologies (such as current operating systems and mobile devices).	\$750.66	\$1,500,000.00	January 1, 2018	December 31, 2021	Ongoing
11409	City of Brampton	Purchase of Low-Floor Conventional Buses	Purchase of 16 low-floor conventional buses. Seven buses are required for growth to meet the expanding needs of a rapidly growing municipality and nine buses are required for replacement of our older fleet.	\$113,214.58	\$10,490,000.00	January 1, 2018	December 31, 2021	Ongoing
11391	City of Brampton	Refurbishment of Buses/Engines & Replacement of Hybrid Bus Energy Storage Systems	Buses are being refurbished to extend their expected lives for 18 years, to improve safety, and to meet service needs. Engines are also being refreshed on all transit buses, and energy storage systems are being replaced on hybrid buses. Approximately 130 buses are being refurbished and/or having an energy storage system replaced.	\$5,053,670.95	\$6,973,000.00	January 1, 2018	December 31, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
11335	City of Brantford	Capital Upgrades to the Conventional Transit Fleet	This project involves the replacement of major components (engines, transmissions, and drive trains) of 5 to 7 conventional transit buses half way through their life cycle in order to ensure that they achieve their full life cycle (12 to 14 years). This capital equipment reconditioning upgrade, which is in addition to, and separate from, on-going, thorough routine maintenance, allows the City to maximize each vehicle's life cycle and avoids the need to purchase replacement buses prematurely.	\$24,118.39	\$200,000.00	February 1, 2018	December 31, 2019	Ongoing
11332	City of Brantford	Acquisition of Replacement Buses for the Conventional Transit Fleet	This project involves the purchase of three new conventional low-floor transit buses to replace the transit fleet as life cycle needs dictate.	\$445,862.23	\$2,065,000.00	March 1, 2018	December 31, 2019	Ongoing
11284	City of Ottawa	Construction of the South West Transitway from Baseline Rd to Norice Drive	This project involves construction of the south west transitway from Baseline Rd to Norice Drive, including both transitway infrastructure and a multi-use pathway adjacent to the transitway.	\$150,000.00	\$33,333,000.00	January 1, 2018	December 31, 2025	Ongoing
11233	City of London	Acquisition of Replacement Buses	The replacement of up to 14 conventional buses to keep assets in a state of good repair, mitigate maintenance costs and support service reliability.	\$1,500,000.00	\$4,466,400.00	October 1, 2018	December 31, 2018	Yes
11232	City of Mississauga	Installation of Transit Remix Planning Software	To install transit scheduling software at the City Centre Transit Terminal for Hurontario Street (Highway 10) during the Light Rapid Transit (LRT) construction.	\$146,433.00	\$150,000.00	August 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
11222	City of Mississauga	Escalator Replacement and Elevator Modernization at City Centre Transit Terminal	This project involves the replacement of escalators and elevators at City Centre Transit Terminal to improve the quality of customer service for those entering the terminal from Square One shopping centre in order to adapt the facility to the growing and changing needs of MiWay users.	\$0.00	\$1,242,300.00	April 1, 2018	February 26, 2021	Ongoing
11219	City of Mississauga	Replacement and Improvements at multiple transit terminals	Replacement of critical doors and grates at City Centre Transit Terminal and Transit Central, as well as the canopy at Malton Satellite.	\$41,416.32	\$161,800.00	January 1, 2018	February 15, 2021	Ongoing
11218	City of Mississauga	Transit bus/hybrid major component rehabilitation/replacement	Replace/rebuild 25 engines, 28 transmissions, and 2 axle/differentials on Transit buses, as well as rehabilitate 12 hybrid Transit buses' mid-life systems/batteries.	\$2,761,084.57	\$6,000,000.00	January 1, 2018	May 31, 2019	Ongoing
10824	Town of Collingwood	Replacement of Red Cross Para Transit Cutaway Bus	The Town provides accessible transit for physically challenged individuals who need assisted transportation to and from medical appointments or social engagements. The funds are used to replace the 2009 Red Cross Para Transit Cutaway Bus that has been in service for 9 years, with a more energy efficient and comfortable model.	\$0.00	\$135,600.00	March 12, 2018	October 31, 2019	Ongoing
10687	City of Mississauga	Consultation & Installation of Bus Shelters	The project involves consultation to provide the information needed for planning the acquisition of bus shelters. Pursuant to the consultation, 100 new bus shelters are being installed throughout the City.	\$44,402.68	\$75,000.00	March 1, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
10579	City of Ottawa	Design and Construction of New Light Rail Transit Stations and Utility Tunnel	Design and construction of new Light Rail Transit Stations; Rideau, Lyon, Pimisi, Bayview, Booth and VIA Train Station. Also construction of an Utility Tunnel at the University of Ottawa.	\$8,800,900.16	\$100,000,000.00	January 1, 2016	December 31, 2019	Ongoing
10576	City of Ottawa	Design, Construction and Renovation of New Transit Facility at 925 Belfast Road	Design and renovation of new Integrated Call Centre, Transit passenger terminal, train simulator training room and Para Transportation facility centre at 925 Belfast Road.	\$0.00	\$3,903,816.24	January 1, 2016	December 31, 2018	Yes
10574	City of Ottawa	Transit Control Center Facility Expansion/Upgrade	Design and expansion/renovation of the Transit Control Centre at 875 Belfast Road for the operations and control systems of the transit bus routes and the new Light Rail Lines.	\$0.00	\$1,672,173.00	January 1, 2016	December 31, 2018	Yes
10394	City of Ottawa	Purchase of New Alstom Citadis Light Rail Vehicles	Purchase of 38 new Alstom Citadis Light Rail Vehicles for the Downtown line and East/West/South expansion lines.	\$5,000,000.00	\$492,000,000.00	January 1, 2017	December 31, 2023	Ongoing
10324	Town of Collingwood	Replacement of Red Cross accessible van	The Town of Collingwood purchases accessible vehicles for operation by the Red Cross. The Town also covers all operating costs. The service area for the vehicles is the whole Town of Collingwood. The vehicles are replaced on a regular basis in accordance with the asset management plan.	\$114,494.20	\$114,494.20	August 21, 2017	June 22, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
10320	Town of Collingwood	Downtown Transit Terminal at Second St and Pine St	Construction of a new 600 sq ft building at the corner of Pine and Second Street in the Downtown core and Heritage District. The building provides washroom facilities for drivers and passengers, a seating/waiting area and a mechanical/storage area. Washroom facilities are not currently available to drivers and, if needed, require the bus to be emptied and secured. The building is to be the hub for Colltrans, Blue Mountain and Wasaga Beach transit links.	\$509,579.72	\$518,979.72	November 1, 2017	November 30, 2018	Yes
10045	City of Mississauga	Replacement of Transit Bus Stop/Pads Accessibility at City Centre Transit Terminal	Transit Bus Stop/Pads Accessibility - Replacement, Transit MiWay Signs. The project includes the installation of 337 bus pads and 69 sidewalks connecting to bus pads.	\$13,674.00	\$412,930.90	January 1, 2016	December 31, 2019	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 leading to increased ridership through reallocation of resources.	\$115,787.89	\$550,000.00	January 2, 2016	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
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.	\$0.00	\$2,161,470.23	January 1, 2016	December 31, 2018	Yes
9975	City of Mississauga	Transit Bus Acquisition Service Growth	Acquisition of up to 10 new 40 ft regular service buses to service the increased service hours authorized for daily operations.	\$0.00	\$7,908,000.00	January 1, 2017	December 31, 2019	Ongoing
9922	City of Mississauga	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.	\$167,769.10	\$3,013,112.70	January 1, 2016	December 31, 2019	Ongoing
9907	City of Mississauga	Replacement and Improvements at Multiple Transit Terminals	Improvements at Transit Terminals, City Centre, South Common Mall, and the Inter-Regional Terminal Kipling Subway Station redevelopment at Dundas and Aukland. Improvements involve technical and structural enhancements to elevators, escalators and other structures.	\$3,729,258.64	\$5,512,050.50	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
9900	City of Burlington	Purchase of New Conventional Transit Vehicles to Accommodate Ridership Growth	Five expansion buses were purchased in 2017-2018 to respond to increased demand for transit services and to increase the spare ration.	\$144,645.00	\$1,033,200.00	January 1, 2017	December 31, 2019	Ongoing
9879	Region of Peel	Purchase and Replacement of TransHelp and Caledon Community Services Vehicles	Purchase/replacement of 44 old TransHelp and Caledon Community Services vehicles. The project also included the addition of new vehicles to support client growth due to changes as a result of the Accessibility for Ontarians with Disabilities Act (AODA) and Peel's aging and growing population. The vehicle purchases for Caledon Community Services support added vehicles in the Town of Caledon to provide accessible transportation services to residents.	\$109,355.01	\$2,881,715.00	January 1, 2016	December 31, 2019	Ongoing
9875	City of Brantford	Para-Transit Fleet Replacement - Brantford Lift	Purchase of two (2) replacement para-transit buses for Brantford Lift's fleet of specialized transportation vehicles in 2017 and an additional two (2) vehicles in 2018 to continue to provide acceptable levels of service for persons with disabilities and older residents in our community.	\$401,506.89	\$700,000.00	January 3, 2017	December 31, 2019	Ongoing
9831	City of Thunder Bay	Transit Stops Upgrades	Transit stop upgrades include hard surface mobility pads to improve accessibility, shelters to improve stop amenities, and transit signage at bus stops, terminals and transfer points.	\$65,075.52	\$130,000.00	April 1, 2016	April 1, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
9746	City of Kingston	Transit Technology On-board Equipment	Installation and replacement of real-time GPS system and AODA on-board stop announcement system.	\$41,191.35	\$902,009.00	January 1, 2016	December 31, 2019	Ongoing
9741	City of Kingston	Purchase of Expansion Buses for Express Service	Purchase of two new 2016 Novabus Low Floor Series and four new 2016 Novabus LFS Diesel buses to increase frequency on transit express route service.  Purchase of one new 2018 Novabus	\$203,100.31	\$7,302,561.00	January 1, 2016	December 31, 2019	Ongoing
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 allows for temporary use of roads not necessarily intended for transit in the longer term.	\$0.00	\$2,787,069.00	January 1, 2015	December 31, 2018	Yes
9592	City of Ottawa	Baseline Road Rapid Transit Corridor between Bayshore and Heron Stations	This 13.8 km Baseline rapid bus corridor links 24 new transit stations east to west, intersecting with bus and rail stations, without going through the downtown core. The road corridor design accommodates in each direction: two traffic lanes, a median bus-only lane, protected cycle track, and sidewalk.	\$0.00	\$6,000,000.00	January 1, 2017	December 31, 2022	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
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 is being created in each direction, with a raised cycle track in each direction between the bus lane and the sidewalk.	\$0.00	\$6,050,000.00	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 and Terry Fox Dr) and the Chapel Hill Park and Ride Facility (at Navan Rd and Page Rd). Both have an expected useful asset life of 25-30 years.	\$459,500.00	\$15,349,000.00	December 31, 2015	December 31, 2020	Ongoing
9587	City of Ottawa	O-Train Trillium Line Track Infrastructure	Track infrastructure for the O-Train Trillium Line includes special track work and Carleton Siding Switch. The O-Train Trillium Line is an eight-kilometre light-rail service running from Greenboro Station in the south to Bayview Station just west of downtown Ottawa.	\$0.00	\$4,751,901.00	January 1, 2016	December 31, 2018	Yes
9271	City of Brantford	Bus Stop Accessibility Improvements	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.	\$0.00	\$50,000.00	January 1, 2016	December 31, 2019	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.	\$0.00	\$30,000.00	December 9, 2015	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
9046	City of Brampton	Terminal Improvements	Construction of a new Operator facility at Mt. Pleasant GO Station to meet current and future transit growth needs in northwest Brampton. Work involves construction of washrooms and facilities providing a location for operator lunch breaks and reliefs. The new facility is being constructed on Metrolinx property, and as such, is being constructed by them under an agreement with the City.	\$0.00	\$1,000,000.00	January 1, 2016	December 31, 2019	Ongoing
9044	City of Brampton	Purchase of New Buses	Ten low-floor buses are being purchased for growth and replacement needs. A gradual increase in total fleet size is required to meet the expanding needs of a rapidly growing municipality.	\$1,664,947.31	\$5,575,000.00	January 1, 2016	December 31, 2018	Yes
8991	City of Burlington	Replacement of Conventional Transit Vehicles	In order to maintain transit service levels with minimal downtime for maintenance and repairs, six nine metre replacement buses will be purchased between 2016 - 2019.	\$1,691,003.86	\$4,423,738.00	March 1, 2016	December 31, 2019	Ongoing
8927	City of Ottawa	Repair and Rehab of Transit Roadways at Various Locations	This program provides for engineering and rehabilitation to maintain and extent the life of 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.	\$250,000.00	\$4,271,406.25	January 1, 2015	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
8926	City of Ottawa	Ottawa Light Rail Transit (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.	\$0.00	\$98,878,580.00	January 1, 2013	December 31, 2019	Ongoing
8776	Region of Peel	Accessibility Information Technology	Implementation of software and technology to support the recommendations of the Accessible Transportation Master Plan Service Model.	\$148,499.78	\$1,125,000.00	January 1, 2015	December 31, 2019	Ongoing
8445	City of Brampton	Refurbishment of Downtown Transit Terminal & Clark Transit Maintenance Facilities	Renovation of the Downtown Transit Terminal facility to improve safety and meet service needs. The Clark Transit Maintenance facility is aging and requires repair and replacement in several areas, such as in-ground hoist replacement, overhead door upgrades, etc. These upgrades enable transit to maintain current and future service levels and protect corporate assets.	\$81,057.41	\$1,510,000.00	April 1, 2015	December 31, 2018	Yes
8443	City of Brampton	Purchase of New Low-floor Buses	The purchase of ten low-floor buses for growth and replacement needs. A gradual increase in the total fleet size is required to meet the expanding needs of a growing municipality.	\$0.00	\$5,100,000.00	April 1, 2015	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
8431	City of Brampton	Facility Renovations at 185 Clark Blvd.	General replacement and renovation of indoor assets (e.g., structural, mechanical, electrical and building finishes) due to wear and tear, functional obsolescence and customer needs. Work involves the complete replacement of the fire alarm system and public address system, exit signs and emergency lighting system, bus wash, roof, and overhead doors. Also included is a sprinkler system audit.	\$1,686,216.93	\$5,069,000.00	April 1, 2015	December 31, 2019	Ongoing
7992	City of Mississauga	Rehabilitation & Improvements in Multiple Transit Facilities	Central Transit Facility Terminal LED Lighting Retrofit (including the replacement of 504 metal halide fixtures with new LED fixtures and enhanced lighting controls), Water Supply Line, and Exterior Door Assembly. Malton Transit Facility Expansion and Improvements. Semenyk Court Facility - Washroom replacement and Retaining Wall/Chain Link Fence.	\$1,068.42	\$4,791,268.80	January 1, 2015	December 31, 2019	Ongoing
7933	City of Mississauga	Replacement of Transit Bus Signs	Replacement of bus signage for an expanding MiWay system	\$7,627.28	\$633,917.00	January 1, 2014	August 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
7820	Region of Peel	Mavis Yard Redevelopment for Accessible Transportation	Redevelopment of Mavis facility to accommodate accessible transportation operations. The Facility includes approx. 30,000 sq. ft. of industrial space for vehicle maintenance and cleaning. Also included is admin office space, vehicle fuelling facilities & associated parking for Fleet & employees. The new facility includes many Low Impact Development initiatives such as, rainwater harvesting for use in the wash bay, a green roof and permeable pavers in a portion of the parking areas.	\$6,379,946.70	\$18,501,533.00	January 1, 2014	December 31, 2019	Ongoing
7795	City of Ottawa	Implementation of 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.	\$0.00	\$22,631,019.56	January 1, 2015	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
7793	City of Ottawa	Tunney's Pasture Bus Staging Area	At the commencement of revenue service in 2018, Tunney's Pasture Station will become a major transfer point between the Confederation Line and buses serving the west and southwest areas of the City. To accommodate bus routes starting and ending their trips at Tunney's Pasture Station, a Bus Staging Area is required in close proximity to maintain service reliability and keep transit operating costs to a minimum.	\$1,940,000.00	\$5,020,000.00	January 1, 2014	December 31, 2019	Ongoing
7521	City of Brampton	Reconstruction of roadway at the Transit Downtown Terminal	Reconstruction of roadway at the Transit Downtown Terminal to improve safety, meet service needs and protect corporate assets. Will permit transit to maintain current and future service levels. Terminal is aging and requires repairs & replacement in several areas.	\$523.33	\$100,000.00	January 1, 2014	December 31, 2018	Yes
7518	City of Brampton	Bus Refurbishments	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.	\$178,555.32	\$3,134,000.00	January 1, 2014	December 31, 2020	Ongoing
7498	City of Brampton	Traffic Intersection Upgrades for Transit Signal Priority	To provide transit signal priority with traffic intersection upgrades and upgrade to software on Eagle Systems.	\$0.00	\$1,300,000.00	January 1, 2008	December 31, 2018	Yes
7104	City of Brampton	Bus Refurbishments	Refurbish buses for the purpose of meeting service needs, safety and to extend their life cycle to 18 years. This will permit transit to maintain current and future service levels.	\$0.00	\$1,275,000.00	January 1, 2013	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
7044	City of Ottawa	Construction of Terry Fox Underpass on West Transitway	The West Transitway - Terry Fox Underpass project is a grade separated crossing underneath Terry Fox Drive and includes a new transitway section (approximately 675 m) between Terry Fox Transitway Station in the east and Didsbury Road in the west. This new Transitway section will become part of the ultimate West Transitway connecting downtown Ottawa and the Kanata area and will provide a high quality rapid transit service on a dedicated transit corridor north of Highway 417.	\$0.00	\$3,000,000.00	January 1, 2012	December 31, 2020	Ongoing
6906	Region of Peel	TransHelp Vehicle Purchases /Replacement	Replacement of old TransHelp and Caledon Community Services vehicles. The project also includes 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. 35 vehicles will be purchased/replaced.	\$0.00	\$3,672,010.00	January 1, 2013	December 31, 2019	Ongoing
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.	\$0.00	\$250,000.00	January 1, 2012	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
6073	City of Ottawa	Construction of West Transitway and Transit Station - 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.	\$3,158,000.00	\$36,459,859.00	January 2, 2012	December 31, 2018	Yes
6045	Region of Peel	VCOM Software/Hardware Replacement for TransHelp	The entire voice radio communication system used by the Region - including the two-way radio system used by TransHelp for communication between dispatchers and bus drivers - is being upgraded.	\$23,937.71	\$11,389,000.00	January 3, 2012	December 31, 2019	Ongoing
6044	Region of Peel	TransHelp Bus Retrofit	Retrofit of five buses for system changes/upgrades and accessibility features (e.g., upgraded flooring, stanchions bars, etc.).	\$147,396.75	\$400,000.00	September 3, 2012	December 31, 2019	Ongoing
5463	City of Kingston	Downtown Terminal Feasibility Study & Construction	The Kingston Transit Downtown Transfer Point (DTP) at the corner of Brock & Bagot Sts. is in the core making it a popular and key connection point between 12 transit routes and allows passengers to transfer between bus routes in a safe and accessible manner. A Municipal Class EA Study was done to address issues with the existing site & passenger travel experience & it was recommended that the DTP remain in current location and be upgraded with accessible benches, shelters, and waiting areas.	\$68,060.00	\$2,200,000.00	January 1, 2011	December 31, 2020	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
5379	City of Mississauga	Transit GTA Farecard Project	This project will work in conjunction with other transit systems in the GTA to facilitate public transportation in the GTHA, allowing for a seamless, paperless and cashless process. The project includes the following device installations for full roll-out: Online Devices (devices are permanently connected to the Central System, transmitting data to/from the CS at set intervals), Station Point of Sale Device (SPOS), Card Query Device (CQD). 500 card readers will be installed.	\$358,779.71	\$9,781,000.00	December 20, 2007	December 31, 2019	Ongoing
5357	City of Ottawa	Light Rail Transit (LRT) between Tunney's and Blair	The rapid transit network component of the Transportation Master Plan, which included a rail corridor between Tunneys and Blair, with a downtown tunnel and a maintenance and storage facility to be located in the east end. This project is required to address congestion through the downtown core and to increase the capacity of the transit system to accommodate future transit ridership.	\$0.00	\$2,095,600,000.00	January 1, 2011	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
5328	Town of Oakville	Transit Information and Communication System	This system will combine wireless voice and text communications with AVL tracking of buses relative to location, route and schedule; along with real time customer information capability that will allow for automated next stop announcements, pre-boarding announcements and automated customer information boards at stations, terminals and nodes. This technology is required in order for Oakville to be compliant with direction from the Ontario Human Rights Commission and pending AODA legislation.	\$0.00	\$2,733,024.00	March 21, 2011	December 31, 2018	Yes
5311	City of Windsor	Transit Windsor Fleet Replacement	Acquisition of transit buses as approved by the Board of Directors and City Council.	\$40,327.00	\$6,150,500.00	January 1, 2009	December 31, 2019	Ongoing
4308	City of Mississauga	Replacement of Transit Operating Systems (TOS)	Replacing the Transit Operating System (TOS) allows for greater tracking of all elements of the transit process, from maintaining the bus fleet to collecting revenue.	\$84.46	\$890,395.60	August 21, 2010	May 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
3424	City of Mississauga	Mississauga Intelligent Transportation System for Transit (MITST)	This project is to implement a Mississauga Intelligent Transportation System for Transit (MITST) to provide a proven, efficient and reliable system to meet the needs of Mississauga Transit (MT) dispatchers (controllers), bus operators, supervisors, security enforcement, management, and the travelling public. The system will comply with mandated automated next stop announcement; Provide real-time travel information on any device, any time, any place; Improve service delivery.	\$0.00	\$21,874,566.20	December 31, 2009	December 31, 2019	Ongoing
2054	Region of Peel	TransHelp Information Technology	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.	\$0.00	\$450,000.00	January 3, 2011	February 9, 2018	Yes
1609	City of Brampton	Construction of Bus Storage and Repair Facility	New transit storage and repair facility at 285,000 square feet accommodate 200 buses.	\$0.00	\$38,050,000.00	April 1, 2005	December 31, 2018	Yes
707	City of Brampton	Smart Bus Technology Installation	To install AVL (Automated Vehicle Locator), using GPS technology, APC (Automated Passenger Count) and MDT (Mobile Display Terminal) on all buses, which will enable Brampton Transit to better manage the system more effectively and efficiently.	\$982,035.31	\$7,180,000.00	September 1, 2006	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Public Transit</b>								
639	Regional Municipality of York	York Region Rapid Transit	Construction of the Toronto-York Spadina Subway Extension and new Bus Rapid Transit terminals as well as repaying tax levy debenture issued for capital projects including the Subway, BRT terminals and VIVA Quick Start Initiative.	\$16,270,818.63	\$300,000,000.00	January 1, 2006	December 31, 2019	Ongoing

**Total Federal Funds Used: \$99,879,589.20**

**Total Project Costs: \$3,722,372,597.94**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11825	City of Owen Sound	Paving Harrison Park Trail	In order to fully accommodate a wide range of trail users (wheelchairs, street bikes, pedestrians with strollers), an ideal system would incorporate a paved route on both the east and west side of the Park. Pavement would top the Fitness trail on the east side of the Sydenham River to the Ski Hill parking lot. A paved topping would be applied to the Freedom trail as well completing a totally paved link in and out of the park.	\$115,929.10	\$115,929.10	June 1, 2018	December 31, 2018	Yes
11822	City of Owen Sound	Harrison Park Public Pool Reconfiguration	As per the Harrison Park Pool Study recommendation, the Pool is being reconfigured for leisure swimming as its primary function. The project involves creating leisure deck space and installing a surge tank, three shade structures, seating with accessible options, four splash nozzles and an accessible ramp entry. Change rooms are also being renovated with floor coatings, fixtures, counters, partitions, and an accessible change room is being added.	\$150,000.00	\$553,088.85	October 1, 2017	December 31, 2018	Yes
11816	Township of Clearview	Construction of a New Parking Lot at Stayner Community Centre	Gravel a new parking lot beside Stayner Community Centre to provide for additional parking. Graveled lot is permeable and better for drainage than impermeable paved surface.	\$39,633.47	\$39,633.47	April 2, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11765	Municipality of Wawa	Michipicoten Community Centre HVAC and Sprinkler Upgrades	To replace the community centre sprinkler system components to current standards. Additional work on the sprinkler system may be carried out in 2019. To purchase and install a 50HP Refrigeration Motor, two new Humidistats and a new contactor/overload for the Community Centre. The main objective of this project is to replace vital, necessary pieces of equipment to keep the Wawa Community Centre open so it can continue to provide recreational services to the public.	\$37,344.76	\$37,344.76	August 29, 2018	December 31, 2019	Ongoing
11734	Town of Cochrane	Installation of Pathway Lighting in Commando Park	Energy efficient streetlights were installed along the new pathway constructed in 2017 (pathway is approx. 250m in length) and in various walking areas within Memorial Park and the Commando Park pavilion.	\$46,016.40	\$46,016.40	January 1, 2018	December 31, 2018	Yes
11727	City of Dryden	Van Horne Dock Remediation	The Community Dock (known as Government Dock), located on Wabigoon Lake at the end of Van Horne Ave. has been identified for significant rehabilitation by an engineering report and underwater inspection and a portion of the dock has been fenced off for public safety. The remediation includes rehabilitation required to allow for unrestricted public access as well as decking repairs that will enhance the useful life of the dock and improve the aesthetic of this community gathering place.	\$136,038.00	\$159,461.00	January 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11703	City of Richmond Hill	Renovation of Rouge Woods Community Centre to add a Multi-Purpose Gymnasium	Renovation of Rouge Woods Community Centre to convert under utilized space into a multi-purpose gymnasium.	\$676,001.00	\$1,052,000.00	January 1, 2018	December 31, 2020	Ongoing
11701	City of Richmond Hill	Rehabilitation of four Community Recreation Facility Parking Lots	Rehabilitation of aging Parking Lots at the Bayview Hill Community Centre, Newberry Park, Richmond Green and Wave Pool in Richmond Hill to improve accessibility and quality of experience.	\$300,000.00	\$300,000.00	January 1, 2018	December 31, 2018	Yes
11638	City of Quinte West	Construction of Paved Trails in Centennial Park	The project involved connecting existing trails within Centennial Park with a 3 metre wide asphalt surface, achieving easier and safer access between recreational trails.	\$79,116.02	\$79,116.02	September 17, 2018	December 31, 2018	Yes
11605	City of Waterloo	Roof Replacement at RIM Park and Albert McCormick Community Centre	Replacement of the existing roof membranes at the Manulife Financial Sportsplex and Healthy Living Centre (i.e., RIM Park) and Albert McCormick Community Centre (i.e., AMCC). The area of roof being replaced at RIM Park is 48,418 sq. ft. The area of roof being replaced at AMCC is 14,784 sq. ft. These roof areas have reached the end of their useful life and, based on a condition assessment, were determined to be the most critical areas at these two facilities.	\$367,639.00	\$1,761,000.00	January 1, 2018	December 31, 2019	Ongoing
11573	City of Mississauga	Design and construct Northwest Sports Park	Design and construct infrastructure and facilities for destination sports park in Churchill Meadows (Phase 1).	\$153,673.00	\$12,616,046.00	January 2, 2018	April 29, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11561	City of Mississauga	Design and Construction of Indoor Recreation Space at Churchill Meadows	Design and construction of the North West Community Centre building (Churchill Meadows Community Centre).	\$493,165.00	\$8,100,000.00	January 2, 2015	December 31, 2020	Ongoing
11560	City of Mississauga	Mechanical replacement of Dehumidification units at Paul Coffey Arena & Huron Park Community Centre	Replacement of dehumidification units at Paul Coffey Arena and Huron Park Community Centre.	\$209,600.00	\$349,000.00	January 2, 2018	April 30, 2019	Ongoing
11556	City of Belleville	Construction of an Accessible Public Washroom at Zwicks Park	A new building structure will be constructed to provide accessible washrooms at Zwicks park. The building design will enable future expansion and accessible pathways will be added.	\$169,027.55	\$500,000.00	January 1, 2018	December 31, 2019	Ongoing
11540	Township of Nipigon	Nipigon Community Center Boiler System Installation	The heating system in the Nipigon Community Center failed in late 2017. The forced air system required complete replacement due to the inability to part source the equipment. The boiler system installed is considerably more energy efficient and requires less servicing as compared to the previous system.	\$40,000.00	\$280,000.00	February 20, 2018	June 30, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11524	City of Guelph	Renewal and Replacement of Recreation Amenities	Replacement of existing tennis courts at various locations in the city, as well as life-cycle renewal of recreation facilities, involving Centennial Pool and West end Recreation Center. Renovations to four park washroom facilities at Riverside Park Riverview, Margaret Greene Park, Silver Creek Park, and Exhibition Park. Replacement of one washroom/splashpad facility at Hanlon Park, stabilization of Goldie Mill ruins and renovations at Hastings Stadium.	\$1,347,565.65	\$6,663,505.00	January 1, 2018	December 31, 2020	Ongoing
11479	City of Cambridge	Preston Auditorium Seating Replacement	Replacement of original and failing arena seating at Preston Auditorium.	\$130,647.00	\$131,947.00	January 1, 2018	December 31, 2018	Yes
11477	City of Cambridge	Sports field Improvements	This project addresses the capital improvement needs of existing sports facilities as part of the update to the Master Plan for sports fields and sports field facilities. This involves both washroom and sports field improvements. The focus is to upgrade back stops and perform infield improvements on the two Wayne Taylor Park diamonds and the Studiman Park diamond. This also includes minor improvements at the Churchill Park soccer field washrooms.	\$123,788.00	\$389,700.00	January 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11476	City of Cambridge	Playstructure Replacement - Vardon Park	The replacement of a non-compliant CSA Z614-14 playstructure with one that meets accessibility requirements. Playground surfacing is also being upgraded with an accessible engineered wood fiber surfacing to make it more accessible.	\$49,849.00	\$55,000.00	January 1, 2018	December 31, 2019	Ongoing
11475	City of Cambridge	Playground Replacement - Duncan Ferguson Park	The replacement of a non-compliant CSA Z614-14 play structure with one that meets accessibility requirements. Playground surfacing is being upgraded with an accessible engineered wood fiber surfacing to make it more accessible.	\$64,088.00	\$65,000.00	January 1, 2018	December 31, 2019	Ongoing
11473	City of Cambridge	Heater/Boiler Replacement - Newland Pool	Remove and replace one existing boiler and water heater with two high efficiency systems. Will enable continued usage for community programming of swimming lessons and recreational swim opportunities. Units are at life expectancy, the boiler is no longer manufactured, and parts cannot be found for repairs.	\$7,921.00	\$115,000.00	January 1, 2018	December 31, 2019	Ongoing
11470	City of Cambridge	W.G Johnson Pool Filter System Replacement	This project is for replacing existing pool filter system. Filter socks in the filter are at life expectancy and not allowing for optimal backwashes. To follow legislative requirements, proper flow rates are required. The current infrastructure design does not allow for safe filter tank lid removal.	\$57,806.00	\$57,806.00	January 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11468	City of Cambridge	Grandstand Roof Replacement - Riverside Park	Replacement of critically failing roof on the Riverside Park Grandstand. The roof deck has rotted prematurely with visible holes through the deck and water damage is increasing beneath the seating and in the change rooms below.	\$0.00	\$150,000.00	January 1, 2018	December 31, 2019	Ongoing
11421	City of Thunder Bay	Park Improvements at Various Locations	This project involves enhancements to surfaces and playground equipment in various parks. The purpose is to enhance and renew infrastructure to improve usage levels and encourage active citizens.	\$145,871.98	\$588,500.00	March 1, 2018	September 30, 2022	Ongoing
11394	City of Brampton	Replacement of Playstructures in Ferri Park, Rushmore Park and Valleydown Park	Playstructures are being replaced at Ferri Park, Rushmore Park and Valleydown Park. The playstructures have been prioritized from a detailed audit assessment and from a number of grandfathered CSA infractions to meet current industry standards. Work involves rehabilitating and replacing playstructures, surfacing, concrete curbs, drainage, benches, and concrete pads, and regrading top soil and sod.	\$240,986.10	\$733,336.00	January 1, 2018	December 31, 2021	Ongoing
11313	Town of Gore Bay	Installation of an Accessibility Ramp at Gore Bay Memorial Arena	Town of Gore Bay installed an accessibility ramp at the front entrance to the Gore Bay Memorial Arena to allow persons with disabilities to enter the facility.	\$22,362.37	\$22,362.37	August 27, 2018	December 14, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11268	City of Mississauga	Renewal of Mechanical Units at Six Arenas and Community Centres	This project involves the replacement of existing heat pumps with roof top units at River Grove Community Centre, Paul Coffey Arena, Iceland Arena, Meadowvale Four Rinks, Tomken Arena, and Erin Meadows Community Centre and Library as well as refrigeration retrofit at Erin Mills Twin Arena. The replacements improve service maintenance access, operating efficiency and temperature control, and result in energy cost savings.	\$505,838.81	\$3,165,500.00	January 2, 2018	February 28, 2020	Ongoing
11266	City of Mississauga	Refurbishment of Three Community Centres	The City is renewing various systems - i.e., the facade, flooring, washrooms, and interior and exterior doors - at Huron Park Recreation Centre, Mississauga Valley Community Centre, and Malton Community Centre and Library. These renewals are critical to replace deteriorated assets.	\$461,944.20	\$803,700.00	January 2, 2018	December 31, 2019	Ongoing
11265	City of Mississauga	Roof Replacements on Three Club Houses and Community Centre with Swimming Pool	Roof replacements at two club houses - BraeBen and Woodhurst Heights - and River Grove Community Centre and Swimming Pool.	\$243,561.54	\$800,300.00	January 2, 2018	February 28, 2020	Ongoing
11264	City of Mississauga	Elevator Renewals at Five Community Centres and Arena	Critical elevator replacements due to asset deterioration and to meet accessibility requirements at Burnhamthorpe Community Centre, Clarke Memorial Hall, Clarkson Community Centre, Huron Community Centre and Erin Mills Twin Arena.	\$0.00	\$530,000.00	January 2, 2018	August 30, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11263	City of Mississauga	Design and Reconstruction of Sports Fields and Playgrounds	This project involves reconstruction of the Fallingbrook Community Park soccer field, reconstruction of the artificial turf soccer field fencing at Huron Park, reconstruction of the asphalt playing surface at tennis courts in Deer Wood Park, Westacres Park and Bruce Reynolds Park, and replacement of the playground equipment and landscaping at Mississauga Valley Community Centre.	\$19,995.00	\$1,647,093.00	January 2, 2018	December 31, 2020	Ongoing
11216	City of Mississauga	Full Multi-Use Trail and Pathway Reconstruction in Seven Parks	This project involves the full reconstruction of 3,600 m of multi-use trails and pathways in Helen Molasy Memorial Park, Middlebury Green, Lisgar Meadow Brook, Riverrun Park, Marco Muzzo Senior Memorial Woods, and Glen Erin Trail, as well as reconstruction of the Port Credit Waterfront Trail.	\$147,567.18	\$498,500.00	January 1, 2018	December 30, 2020	Ongoing
11176	Town of LaSalle	Vollmer Centre Ice Plant Upgrade	Modification of the ice plant equipment at the Vollmer Recreation Centre to provide better ice making and maintaining capability as identified in the engineering assessment that was carried out in 2017.	\$387,645.05	\$2,000,000.00	January 1, 2018	December 31, 2019	Ongoing
11150	City of Kitchener	Roof Repair - KMAC (Kinsmen & Kiwanis Rinks)	A condition assessment was made on various City facilities in late 2016. This assessment rated each roof against one another. It was determined that the roof above the Kinsmen and Kiwanis rinks was in need of replacement.	\$243,050.00	\$2,000,200.66	March 1, 2018	September 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11132	City of Oshawa	Trail Reconstruction in Multiple City Locations	This project involves reconstructing and upgrading 109 m of trail through Glen Stewart Park with asphalt and limestone screenings. The project also involves creating a 120 m accessible asphalt path leading to an accessible enclosure at Harmony Valley Park within the existing off leash area.	\$65,313.27	\$323,000.00	January 1, 2018	December 31, 2019	Ongoing
11126	City of Clarence-Rockland	Renovation of the Clarence Creek Community Hall	This project involves improvement of the bar, renovation of kitchen, purchase of a mobile stage and replacement of refrigerators for the Clarence Creek Arena Community Hall.	\$28,653.00	\$31,092.45	August 27, 2018	December 31, 2018	Yes
11120	Town of Mattawa	Timmins Memorial Park Splash Pad & Accessibility Renovation	Completed the installation of a new municipal splash pad and presently in the process of completing major renovations to the Timmins Memorial Park which include landscaping, fencing, lighting, accessibility to the pad, and most importantly, new fully accessible male and female washrooms/change-rooms.	\$74,677.33	\$286,317.81	August 15, 2017	October 31, 2018	Yes
11119	Town of Mattawa	Mike Rodden Arena Dressing Rooms and Accessible Washrooms Project	Design and layout for the dressing room construction consisted of the retrofit of two existing washrooms and the addition of a barrier free washroom. This project was phased to allow construction during the ice season and has injected new life into the arena lobby.	\$66,500.00	\$330,692.67	August 15, 2018	December 31, 2018	Yes
11083	Township of Red Rock	Replacement of Gas Unit Heater in Recreation Centre Hockey Arena	The failed gas unit heater in the Locker Room in the Recreation Centre Hockey Arena is being replaced.	\$3,600.00	\$3,600.00	January 8, 2018	January 8, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
11082	City of Thunder Bay	Community Centre Facility Upgrades	Upgrading 2 washrooms to be fully accessible, as well as constructing one additional fully accessible washroom. Also included are HVAC replacement and/or upgrade, installation of energy efficient lighting, and the upgrade of a kitchenette area.	\$90,700.00	\$357,660.00	March 31, 2018	March 31, 2022	Ongoing
11002	Township of Red Rock	Gyven Boudreau Memorial Arena Ice Compressors Overhaul	The ice compressors in the aging ice plant at Red Rock Recreation Centre's Gyven Boudreau Memorial Arena is in need of an overhaul. By conducting this overhaul, the life duration of the ice compressors is being extended substantially.	\$0.00	\$9,700.00	August 1, 2018	February 28, 2019	Ongoing
10985	City of Niagara Falls	Construction of Millennium Trail - Section 5	Construction of the Millennium Trail Section 5 along the north side of the OPG Corridor between Dorchester and Drummond Roads. Work involves an asphalt pedestrian / cycle track with connections to Section 6 and Section 1, as well as fencing.	\$0.00	\$2,492,000.00	October 1, 2017	December 31, 2019	Ongoing
10823	Township of Woolwich	Woolwich Memorial Centre Pool Upgrades	The Pool at the Woolwich Memorial Centre is slated to be upgraded in 2018. Upgrades include replacing of the ceramic tiles (shell, deck and walls), relamping of pool deck lights, replacement of 4 feeder pumps, pool injector lines, acid and chlorine tanks, and change room floors.	\$61,838.53	\$61,838.53	March 1, 2018	December 21, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10758	Town of Grimsby	Lawn Bowling Court Improvements	To replace the green perimeter for the Town's lawn bowling court. The surface has seen significant deterioration over the years due to age and use. Lawn bowling is a widely used program offered by our seniors' centre and the new surface helps to attract new users and ensures that the seniors stay active.	\$0.00	\$42,000.00	January 1, 2018	December 31, 2019	Ongoing
10756	Town of Grimsby	Southward Park & Building Improvements	Installation of playground equipment and a bocce ball court at Southward Park, as well as network servicing and door hardware so that the facility can be opened remotely and accessed by user groups, improving access to the facility.	\$28,500.06	\$128,000.00	January 1, 2018	December 31, 2019	Ongoing
10755	Town of Grimsby	Peach King Centre Improvements	To replace auditorium flooring, and renew outdoor ice rink fence. The floor of the auditorium is the original flooring from the year 2000. The floor tiles are lifting in some areas causing a potential hazard. The replacement of the flooring tiles was identified in our facilities asset management plan for replacement.	\$60,385.66	\$85,156.60	April 9, 2018	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10752	Town of Grimsby	Infrastructure Upgrades in Casablanca Beach & Nelles Lake Parks	<p>Installation of new playground equipment - with a pre-school area and an area for ages 5-12 with swings and accessible features - at Casablanca Beach Park.</p> <p>This project also involves installation of a new picnic shelter - with a concrete base and picnic shelter cover that can accommodate three picnic tables - at Nelles Lake Park. Nelles Lake Park is used as a community park and hosts family events and beach volley ball.</p>	\$0.00	\$116,000.00	January 1, 2018	December 31, 2019	Ongoing
10745	City of Brampton	Walkway Replacement in Multiple Parks	Walkway Replacement involves removal of existing pathway asphalt, excavation and widening of existing trail to current City standard, placing new CSP culverts to facilitate positive drainage, placing a base of 200 mm of recycled crushed concrete, and paving 75 mm of HL-3 asphalt to restore the parks' pathway.	\$132,501.38	\$783,039.00	January 1, 2017	December 31, 2019	Ongoing
10736	Township of Clearview	Build new dog park	Built a fenced dog park 525m in circumference with a gravel/dirt parking lot and a water service with lateral from water main.	\$0.00	\$43,639.31	September 1, 2017	November 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10691	City of Clarence-Rockland	Construction of Accessible Paths in City Parks	Construction of a path that links the JML sub-division to the Alphonse Carrière park. The path conforms to accessibility standards and allows people with reduced mobility to access the community centre and play structures. The project also involves building a paved path between the parking lot and the splash pad at Bourget and a paved path between the parking lot and the splash pad at Jules Saumure Park (Clarence-Creed).	\$52,037.64	\$67,780.00	March 1, 2018	December 20, 2019	Ongoing
10689	City of Clarence-Rockland	Construction of a gazebo in St-Pascal Park Baseball Field	The objective of this project is to add a gazebo at the baseball field in St-Pascal in order to give a covered area for the baseball diamond users. The covered area will enhance the users experience.	\$14,194.51	\$14,194.51	March 31, 2018	November 30, 2018	Yes
10688	Town of Orangeville	Roof Replacement in Alder Recreation Centre	To replace four flat roofs at the Alder Street Recreation Centre. The roofs to be replaced are in a significantly deteriorated condition with ongoing leaks in several areas. There are numerous threatening defects that negatively affect its waterproofing and put the roof system, equipment and interior space of the building at high risk of further water infiltration and costly damage.	\$551,423.32	\$625,000.00	May 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10670	Municipality of South Dundas	Replacement of Iroquois Civic Centre Roof	Replacement of the Iroquois Civic Centre involves engineering, replacement of the lower roof surface, inspection and rehabilitation of the top roof units, and inspection of the upper roof surface. The renovations to the roof extend the life of the community centre and allow for continued public use.	\$275,000.00	\$347,263.14	March 15, 2018	October 1, 2018	Yes
10607	City of Thunder Bay	Construction of Splash Pad at North End Rec Centre	Build a Splash Pad at the North End Rec Centre recreation hub.	\$0.00	\$397,753.00	March 1, 2017	September 30, 2021	Ongoing
10592	Township of Morley	Replacement of The Curling Rink Compressor	The Curling Rink Ice Compressor required replacement in order to effectively have our curling ice at the Recreation Centre	\$13,422.14	\$13,422.14	January 25, 2018	December 31, 2018	Yes
10577	City of Welland	Improved accessibility at City Swimming Pools	Improving accessibility at the City's swimming pools to comply with the Accessibility Act and to create a safe environment for citizens. Access ramps are being installed at pools and change rooms throughout the City.	\$0.00	\$100,000.00	August 3, 2017	December 31, 2019	Ongoing
10545	Town of Smiths Falls	Lower Reach Park Sports Fields Upgrade	Community Services Department is upgrading soccer fields in Lower Reach Park. The fields require full resurfacing due to heavy use. The field areas (840 sq m) must be developed to provide a properly drained and graded playing surface through soil placement and grass. This addresses safety concerns for players using the area.	\$10,033.54	\$10,050.00	March 1, 2018	November 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10437	Town of Ajax	Audley Recreation Centre Phase 2	44,800 sq ft expansion to an existing recreation facility that provides an active living studio, change rooms, multi-functional space for programming for all ages, community rooms, and a branch library.	\$0.00	\$42,870,700.00	June 1, 2017	December 31, 2019	Ongoing
10367	City of Cambridge	Replacement of Play Structures in Multiple Playgrounds	Replacement of various play structures throughout the city (which are no longer CSA Z614-14 compliant), with new structures that have a few accessible components to help meet accessibility requirements. Playground surfacing is also being upgraded with an accessible engineered wood fiber surfacing making it more accessible. Replacement of play structures reduces current injury risks and provides area residents with a well designed and compliant play structure that can be properly maintained.	\$91,615.00	\$431,754.00	January 1, 2017	December 31, 2018	Yes
10366	City of Cambridge	Centennial Park Rehabilitation	Rehabilitation of Centennial park to improve pedestrian safety. Work involves replacing aged and failing staircases, replacing railings, eliminating heaved walkway trip hazards, rehabilitating collapsing decorative walls, replanting overgrown site-lines, and work on vistas, including the lighting of the Gore Pergola and upper lookout.	\$56,355.00	\$200,000.00	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10331	City of Brampton	Renovation of Multiple Recreation Centres	Project work involves structural, mechanical, electrical works, building finishes, furnishings and equipment replacement due to wear and tear, functional obsolescence, and customer need in the Brampton Soccer Centre, Earncliffe RC, Greenbriar RC, Jim Archdekin RC, Loafer's Lake RC, Memorial Arena, and Terry Miller RC.	\$3,469,251.07	\$9,596,000.00	January 1, 2017	December 31, 2020	Ongoing
10299	City of Kitchener	South Kitchener District Park Development	The South Kitchener District Park (now called the RBJ Schlegel Park) is a 17 ha land parcel that will house a dual artificial turf multi-use sportsfield with lighting, a single natural turf multi-use sportsfield (unlit) and one unlit cricket pitch. There are also plans for a passive turf area, splashpad, playground area, pedestrian pathways (approximately 1.18 km in length) and a significant storm water feature.	\$1,200,000.00	\$19,252,682.71	April 1, 2014	June 30, 2025	Ongoing
10298	City of Kitchener	Kiwanis Park Pool Renovation/Upgrades	The man made lake (pool) at Kiwanis Park was built in 1968, is 350 feet long and 175 feet wide, and holds 3.5 million litres of water. Legislated requirements from the Ministry of Health require significant upgrades to the filtration system, water volume circulation and infrastructure piping. This requires the complete removal and replacement of the existing basin and infrastructure.	\$0.00	\$3,926,703.48	June 16, 2016	June 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10297	City of Kitchener	KMAC Twin Pad Rink Replacement	The Twin Pad arenas were built and operational in November of 1987. Both rink floors have extensive use, and show cracks in the surface and deterioration in the piping and headers. Industry standard for life expectancy of a rink floor is 25-30 years.	\$0.00	\$1,991,157.49	March 27, 2017	June 30, 2018	Yes
10274	City of Peterborough	Kinsmen Arena - Refrigeration Room Equipment Upgrade	Replacement of the shell and tube chiller; Upgrade/replacement of condenser water tank and one brine pump; Replacement of water level float assembly and cold water valves; New plate heat exchanger for compressor cooling; New heating rooftop heating units to serve the viewing lounge area; New heating/cooling make-up-air units to serve the dressing rooms; and BAS upgrade.	\$0.00	\$590,526.94	April 10, 2017	April 30, 2018	Yes
10216	Municipality of Port Hope	Wladyka Park Washroom and Shelter Replacement	This project involves the demolition and replacement of the existing male and female washroom facility and sun shelter at Wladyka Park. The facility was built in the mid '70's and has deteriorated. The new construction modernizes the washrooms to improve service to the entire community, improves regional tourism draw, increases attendance, improves accessibility, and reduces operational and maintenance costs. A family accessible washroom is also being added.	\$33,200.00	\$350,564.49	March 31, 2017	June 29, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10214	Municipality of Port Hope	Town Park Ball Diamond Upgrades	Due to aging infrastructure, upgrades are needed to enhance the Town Park ball diamonds to improve safety and standardize the playing area. The current fencing and dugout structures have been in existence since the 1970's and are deteriorating. This project will include replacing and standardizing the outfield and sideline fencing and replacing the backstop.	\$0.00	\$76,108.59	March 31, 2017	December 31, 2018	Yes
10112	Town of Goderich	Revitalization of Goderich Recreation Park	Renovation of 2 baseball diamonds and a soccer pitch, construction of a third ball diamond and a skate park. An accessible playground, pavilion, improved green space and picnic areas are also elements of this revitalization project.	\$327,683.00	\$3,847,710.00	October 2, 2017	December 31, 2023	Yes
10102	City of Guelph	Replacement of Play Structures in Multiple Locations	Replacement of play structures at 12 parks mentioned below: Carter Park/Centennial Park/Hugh Guthrie Park/Jenson Boulevard Park/Guelph Lake/Kimberley/Waverley/Springdale/Mollison /Oak Street/West End Community Centre/Riverside Park.	\$3,191,527.11	\$5,225,452.00	January 1, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10092	City of Barrie	Expansion of Centennial Park Infrastructure	Expansion of Centennial Park, involving implementation of renewed pathways to separate pedestrians from cyclists and improve accessibility; construction of new boardwalk between the beach and parkland; electrical and water fountain servicing; pathway lighting, and irrigation for Centennial Park. Park improvements allow this major community park to function at optimum levels, and provides residents and visitors with a beautiful recreational area in the heart of the City's downtown.	\$571,168.80	\$6,721,708.00	January 1, 2016	December 31, 2019	Ongoing
10042	Town of Kirkland Lake	Elevator Modernization in Allen Ave. Community Complex	The Community Complex has 2 floors with multiple stairways and one elevator to access the basement. The basement has a large gym with cardio and strength equipment, an additional gym geared to seniors and women, squash courts, office space, change rooms, storage areas, and arena dressing rooms. Our elevator was closed by TSSA in 2016 as it no longer adhered to new safety regulations and a new one had to be put in.	\$45,010.55	\$147,896.00	March 31, 2017	December 31, 2019	Ongoing
10033	City of Clarence-Rockland	New Park Construction at the corner of St-Jean and Jérôme-Corbeil	The City owns a 8 acres park at the corner of St-jean and Jérôme-Corbeil. The development project includes construction of an outside rink and ice trail with the installation of the appropriate lighting and signalisation. Bench, shelters and trees are added to the landscape of the park.	\$5,348.73	\$800,716.00	June 5, 2017	December 20, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
10030	City of Clarence-Rockland	Replacement of Outdoor Rink Boards at Dalrymple Park	The outside rink boards at Dalrymple park needs to be replaced	\$21,166.09	\$21,166.09	May 23, 2017	February 28, 2018	Yes
10000	City of Barrie	Renovation of Queen's Park Washroom Facility	A Building Condition Assessment has identified that the existing washroom facility is in poor physical condition. Rehabilitation 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.	\$0.00	\$322,933.17	January 1, 2016	December 31, 2018	Yes
9986	Township of Woolwich	St Jacobs Arena Infrastructure Improvements	The project involves the removal and replacement of the Exterior Steel Siding; the replacement of the Main Refrigeration Electrical Panel and Control and the aged dehumidifier unit resulting in improved energy efficiency; a floating head pressure control system will be installed in the refrigeration unit to optimize its operation and minimize energy used. Removal and replacement of the BAC Evaporative Condenser.	\$103,442.47	\$305,338.02	April 26, 2017	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
9908	City of Mississauga	Replacements and Improvements at Streetsville Memorial Park, Clarkson Community Centre, etc.	Replacement and Improvements at Parks and Community Centres: Emergency Shelters at Grove CC, Clarkson CC and Malton CC, Roof Replacements at Vic Johnson Arena, Clarkson CC. Replacement of core infrastructure/ facilities essential to park operations that have reached the end of their lifecycle including: Playground redevelopment; Tennis Court Reconstruction; and Park facility rehabilitation.	\$1,564,591.04	\$10,143,052.70	January 1, 2017	December 31, 2019	Ongoing
9806	City of Thunder Bay	Recreational Facilities Upgrades	Renovations in various facilities to address structural, health and safety, and customer functionality needs. Structural repairs to Bleacher area, re-pointing & caulking of interior block work; exterior painting, re-capping of pilasters; new rubber flooring in washrooms & corridor, new sound system; upgrades to washrooms and mechanical upgrades to shower areas; interior renovations to Locker Rooms; new family spa and saunas on pool deck.	\$32,314.30	\$582,700.00	March 31, 2016	March 31, 2020	Yes
9800	City of Thunder Bay	Improvements to Playgrounds & Recreational Trails at Various Locations (2016)	Project scope involves 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. The project renews and enhances infrastructure to improve usage levels and encourage active citizens.	\$0.00	\$350,000.00	March 1, 2016	September 30, 2020	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
9793	City of Vaughan	Oakbank Pond Park Boardwalk Reconstruction & Walkway Rehabilitation in Multiple Parks	Replacement of deteriorating boardwalk including new railing, grading, site furnishing and associated works. Rehabilitation of walkways that have cracked or heaved representing a significant hazard to park users in several Parks.	\$190,289.00	\$1,045,787.00	January 1, 2016	December 31, 2022	Ongoing
9697	Town of Whitchurch-Stouffville	Expansion of Whitchurch-Stouffville Leisure Centre	The Town of Whitchurch-Stouffville expanded the Leisure Centre to accommodate growth in the community. The expansion added over 42,000 square feet of space to the Memorial Park facility including an expansion of the Library, a new gymnasium, a new fitness centre, a new aerobic studio, and the relocated Latcham Art Centre.	\$65,529.83	\$6,330,000.00	August 31, 2016	August 3, 2018	Yes
9478	City of Pickering	Pickering Recreation Complex Capital Enhancements and Retrofits	This project involves enhancements and retrofits to increase the life and usage of the Pickering Recreation Complex: lighting improvements in the weight room, evaporator condenser tower replacement, replacement of the RTU-4 in the O'Brien change room, electrical system sub-metering, and replacement and installation of over 40 skylights over the main lobby and mezzanine spaces.	\$61,252.00	\$520,000.00	July 4, 2016	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
9477	City of Pickering	Civic Complex, Brougham and Claremont Community Centres Rehabilitation and Retrofits	Retrofit of equipment at the Civic Complex, Brougham Hall, and Claremont Community Centre. Work at the Civic Complex involves replacement of the supply and return fans serving the main lobby area on both floors and backup boilers. Retrofits at Brougham Hall and the Claremont Community Centre involve light fixture replacements.	\$0.00	\$380,000.00	December 19, 2016	December 31, 2020	Ongoing
9397	Town of Atikokan	Multi-purpose Community Wellness Centre	Revamp two existing facilities (pool and arena) into a multi-purpose community wellness centre. Two separate existing buildings were joined together with upgrades to each building including the refrigerated floor system, boards, glass, etc. to expand and modernize the current facility size. All these upgrades allow for higher levels of participation, economic stimulus and improved energy efficiencies.	\$0.00	\$5,500,000.00	June 30, 2016	December 31, 2023	Yes
9179	City of Cambridge	Forbes Park Revitalization	This project is for the improvement and update of many features located within Forbes Park. Phase 1 improves the accessibility of the park by remodeling/renovating washrooms to provide accessible access to all patrons and by addressing issues with pathways and parking lots. Drainage issues are also being addressed during Phase 1.	\$0.00	\$375,000.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
9163	City of Barrie	Tennis Court Rehabilitation in Multiple Locations	The tennis courts at Eastview Park, Redpath Park and Greenfield Park are being replaced where there is physical deterioration of existing facilities. Also included is the upgrading of the lighting system to LED, replacement of deteriorated fencing, replacement of the asphalt surfacing, new nets, and tensioning mechanisms. The Queens Park project is a full replacement of 3 asphalt courts, new set of posts and nets, and installation of new fencing mesh.	\$353,934.88	\$940,000.00	December 31, 2015	December 31, 2019	Ongoing
9029	City of Brampton	Renovation of various Recreation Facilities	Renovations at the Brampton Soccer Centre, Chinguacousy Park, Chris Gibson RC, Earnscliffe RC, Memorial Arena, Peel Village Golf Course and FCCC Senior Centre. Work involves structural, mechanical, electrical, building finishes, furnishings & equipment replacement due to wear and tear, functional obsolescence, and customer need.	\$939,768.44	\$5,307,000.00	January 1, 2016	December 31, 2019	Ongoing
9023	City of Brampton	Outdoor Recreation Amenity Improvements	Replacement of play structures, trails and pathways to meet current standards and update aging infrastructure, installation of new shade structures in city parks, expansion of open space at Rosalea Park, and replacement of existing furniture and signage.	\$574,827.25	\$2,975,000.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
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 new facility will better meet the needs of the community in a new location with additional feature for health and fitness and community events. The construction of the new complex was substantially complex at the end of 2017 however the playing field development and outside work remains to be completed in the summer of 2018.	\$402,309.41	\$14,429,743.33	January 1, 2015	December 31, 2018	Yes
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.	\$534,700.97	\$1,060,351.11	April 30, 2016	December 31, 2018	Yes
8522	Town of Cobalt	Municipal Fitness Facility	This recreation facility project was for our municipal gym which provides affordable access to a health and fitness centre for local residents. The cost associated with this project was for the purchase of commercial grade treadmills which were greatly needed. Our equipment advisor reported that the facility's cardio equipment experiences more use than in any of the other facilities.	\$0.00	\$1,552.00	June 2, 2014	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
8449	City of Brampton	Recreational Trail-Walkway Replacement	To replace existing pathways throughout the city due to condition assessment and life cycle replacement. 5,400 m of pathway were removed and replaced in Dalton/Peel Village/Peelton Hts & Stephen Llewellyn Parks.	\$59,733.24	\$800,000.00	April 1, 2015	December 31, 2019	Ongoing
8447	City of Brampton	OAR-Playstructure/Playground Surfacing	The replacement of ten 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.	\$0.00	\$1,095,000.00	April 1, 2015	December 31, 2019	Ongoing
8438	City of Brampton	Complete Renovation of Cassie Campbell Recreation Centre	To provide approximately 2,000 sq ft of space to support current and future program requirements at Cassie Campbell Recreation Centre. The project is to extend the existing administrative space to accommodate new work stations, a meeting room, additional storage, an enclosed office, and a staff lunch room.	\$0.00	\$2,024,000.00	April 1, 2015	December 31, 2020	Ongoing
8437	City of Brampton	Renovations at Century Gardens and Chinguacousy Park	General replacement and renovation of indoor assets (e.g., structural, mechanical, electrical and building finishes) due to wear and tear, functional obsolescence and customer needs.	\$594,568.65	\$2,488,000.00	April 1, 2015	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Recreation</b>								
8310	City of Kitchener	Upper Canada Park Redevelopment	The redevelopment of the district park addresses aging park infrastructure, insufficient ball diamond capacity and inefficient/undersized diamonds by re-aligning and improving field conditions. Development involves upgrading ball diamonds, building a new basketball court, relocating a playground, improving existing multi-use paths, and installing drainage, irrigation, new fencing, electrical servicing and conduits for future lighting, and pedestrian pathways.	\$0.00	\$2,438,538.19	April 15, 2015	November 30, 2018	Yes
8194	City of Richmond Hill	Ed Sackfield Arena Twinning	An ice pad is being added in Richmond Hill, providing better options to be active and involved.	\$0.00	\$27,114,000.00	April 1, 2014	December 31, 2019	Ongoing
7922	Town of Orangeville	Trails Signage to meet Accessibility Standards	To upgrade signage at the trails to be more cohesive and adhere to the standards set forth by the Accessibility Act. This project ensures that all signs are in compliance with accessibility standards at the various trail locations across the Town.	\$0.00	\$10,000.00	January 1, 2018	December 31, 2019	Ongoing

**Total Federal Funds Used: \$23,232,037.39**

**Total Project Costs: \$235,664,126.10**



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Regional and Local Airports</b>								
11732	Township of Hornepayne	Airport Brushing	Brushing of 32 hectares of the Hornepayne Municipal Airport perimeter. Trees and brush create issues when they grow too tall and threaten to impede the take off and landing of aircraft, as well as obscure sight lines. In order to mitigate these hazards, maintenance of the airport perimeter is imperative. Airport Brushing also preserves the integrity of the airport infrastructure, reduce potential hazards and assists with wildlife management.	\$42,169.35	\$42,170.00	May 1, 2018	August 13, 2018	Yes
10851	City of Oshawa	Airport Runway Rehabilitation	The Runway Rehabilitation project involves excavation and placement of a new granular base /asphalt; painting runway markings; replacement of runway lighting with LED lighting; construction of a noise berm along the Jane Street Community Buffer Area; and construction of the Runway End Safety Area (RESA).	\$0.00	\$5,877,774.74	January 1, 2017	December 31, 2018	Yes
9532	Town of Kirkland Lake	Runway Resurfacing at Kirkland Lake Airport	Airport resurfacing. The area resurfaced is 1,100 metres long and 30 metres wide.	\$0.00	\$117,816.18	July 1, 2017	July 21, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Regional and Local Airports</b>								
9110	Municipality of Killarney	Design & Rehabilitation of Killarney Airport Runway	This project is for the design and pavement rehabilitation of Killarney Municipal Airport constructed in 1982. The airport is used by residents and tourists. Ornge also uses the airport to transport critically ill/emergency cases to the hospital in Sudbury 100 km away. The rehabilitation involves pulverizing existing asphalt to a depth of 200 mm, regrading, re-compacting, and placing a minimum of 50 mm of Granular 'A' base material and a single 65 mm thick lift of new HL4 asphalt.	\$56,846.60	\$900,000.00	July 1, 2015	December 31, 2028	Ongoing
9109	City of Peterborough	Construction of Apron/Taxiway East of Airport Road (Airport Industrial Park)	Construction of an apron/taxiway to facilitate the development of airside industrial lots on the east side of Airport Rd at the Peterborough Airport as part of Airport Industrial Park development.	\$97,148.96	\$4,850,000.00	March 31, 2016	December 31, 2019	Ongoing
<b>Total Federal Funds Used: \$196,164.91</b>								
<b>Total Project Costs: \$11,787,760.92</b>								

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Short-Line Rail</b>								
10995	Town of Cochrane	Construction of a Multi-Modal Yard	Construction of a multi-modal yard featuring infrastructure and equipment to trans-load to and from truck and rail, to serve existing industrial private sector needs. The project included various site improvements, as well as infrastructure and equipment used for material handling. Lock-blocks were built to store grinding steel media, a mobile fuel pump and a crane equipment with a magnet have also been purchased to perform trans-load functions.	\$13,775.33	\$1,430,000.00	January 1, 2017	December 31, 2018	Yes

**Total Federal Funds Used: \$13,775.33**  
**Total Project Costs: \$1,430,000.00**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Solid Waste</b>								
11897	Town of Tillsonburg	Improvement of the Waste Management Transfer Station	The construction of a raised platform for unloading materials into segregated waste bins, organized by waste stream in the center of the existing ring road to provide access to the Large Items Depot and the construction of a Yard Waste Depot where residents can drop off yard waste. A separated bypass lane to access the yard waste depot to maintain good traffic flow through the site. The yard waste side of the transfer station will operate from dusk to dawn.	\$20,948.67	\$150,948.67	March 1, 2018	December 31, 2018	Yes
11764	Municipality of Wawa	Purchase of Landfill Compactor	The Wawa Landfill site compactor was replaced due to the failure of the previous equipment. The transmission in the old compactor stopped working and was considered beyond repair. The Municipality was unable to locate a replacement transmission resulting in the need to replace the entire unit. The compactor is essential to maximize the life of the current landfill site.	\$203,520.14	\$203,520.14	March 13, 2018	May 31, 2018	Yes
11521	City of Guelph	Waste Management Diversion and Methane Collection Improvements	This project involves the addition of a second public drop off scale to improve the efficiency of the facility, including the segregation of loads and the reduction of materials transferred to landfill. Work includes equipment replacement and upgrades within the sorting facility to improve efficiency, capacity, and capture rate of recyclable materials. The project also involves additional investment in the upkeep of the methane capture system at the historical landfill site.	\$883,892.38	\$10,690,500.00	January 1, 2018	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Solid Waste</b>								
11427	Town of Hearst	Purchase of a Waste and Recycling Collection Vehicle	With the implementation of a new curbside recycling program, a new split-bin collection vehicle was purchased to accommodate the combined collection of waste and recycling.	\$19,208.51	\$428,831.63	March 19, 2018	December 31, 2019	Yes
11413	City of London	Development of a Landfill Gas Power Plant	Development of a 500 kilowatt landfill gas power plant at the W12A landfill with connection to the local power distribution system. Project is in the early stages. A consultant has been hired to undertake an air, odour and noise study.	\$78,920.76	\$4,000,000.00	May 23, 2018	September 30, 2020	Ongoing
11412	City of London	Construction of Waste Disposal Cell 9 and Extension of On-Site Access Road to W12A Landfill	Project is for the construction of waste disposal cell 9 and extension of the on-site access road at the W12A Landfill. The approximately 6.2 hectare construction of Cell 9 (including the landfill base and leachate collection system) creates approximately 1,100,000 cubic metres of usable disposal capacity, which accommodates approximately 3.5 years of waste disposal operation at current landfilling rates.	\$3,683,272.23	\$5,146,236.00	June 4, 2018	October 31, 2019	Ongoing
11345	Town of The Blue Mountains	Replacement of Wheel Loader in Landfill Facility	Purchase of a 2018 CAT Wheel Loader for the Landfill Facility, replacing a 15 year old loader acquired in 2003 that is in need of replacement. The Wheel Loader is an essential tool for the operation at the Disposal Site, including landfill, compost and waste transfer operations.	\$105,278.58	\$213,073.69	May 30, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Solid Waste</b>								
11105	United Townships of Head, Clara & Maria	Bissett Creek Landfill Expansion	There are only two active landfills in the Township and based on average deposition rates, it's estimated that both will close in 2030. To address the long-term needs of the Township beyond this period, a Consultant has been hired to give us advice on the expansion of our existing Bissett Creek waste disposal site and services to meet future needs. Based on their advice and MoE approval, expansion work is being undertaken.	\$0.00	\$9,540.59	January 1, 2017	December 31, 2019	Ongoing
10901	City of Richmond Hill	Installation of Recycling and Waste Containers at Parks, Mailboxes & Downtown	Following successful pilot projects, Richmond Hill is installing recycling and waste containers in parks, at mailboxes, and in the downtown to increase community waste diversion.	\$314,292.00	\$500,955.00	January 1, 2017	December 31, 2019	Ongoing
10827	City of London	Installation/Replacement of Waste Diversion Infrastructure	Install/replace waste diversion infrastructure works at EnviroDepots, Household Special Waste Depots, Material Recovery Facility including surface water control structures, fencing, retaining walls, etc. Works are required to stay in compliance with Environment Compliance Approval, meet regulatory requirements, and/or ensure residents have access to cost-effective diversion facilities. In 2017, this waste diversion infrastructure assisted with the diversion of approximately 72,000 tonnes.	\$15,777.73	\$206,800.00	March 13, 2017	August 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Solid Waste</b>								
10529	Town of The Blue Mountains	Installation of Household Hazardous Waste Structure	The installation of a hazardous waste sorting and storage area in the form of a lean-to roof and enclosure provides spill containment and safe storage of waste material prior to sorting. The existing metal bins acquired in 1994 pose problems such as moisture, failing floors and poor ventilation and functionality for staff. Incoming hazardous waste is not protected from the elements. This solution improves employee efficiency and safety.	\$10,297.63	\$69,200.00	October 31, 2017	December 31, 2018	Yes
10502	Township of Chapple	Hydrogeological Study of Shenston Landfill	As per order of Ministry of Environment, the municipality hired TBT Engineering to complete a Hydrogeological Study to assess groundwater conditions at Shenston Landfill. To ensure effective asset management, the municipality is developing a monitoring program, determining a Contaminant Attenuation Zone (CAZ) and determining a Reasonable Use Concept for the operations of the landfill.	\$31,902.27	\$71,079.87	March 14, 2017	December 31, 2018	Yes
9563	Town of Smooth Rock Falls	Landfill Expansion	The project involves a landfill expansion project to extend the life of the town's landfill site. With the new recycling program introduced in October 2016 and when the expansion project is completed, the landfill site closure will be extended by 40 years plus. The current estimated closure for the site is 2 years. Also included is a review and completion of the 5 year monitoring report that is required by the MOE.	\$15,691.17	\$127,200.00	July 8, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Solid Waste</b>								
9472	Township of Harris	Landfill Site Assessment	The purpose of the Hydrogeological testing is to determine the size of buffer required to protect the residents from contamination and to satisfy the Ministry of Environment's buffer requirements. This involves a historical review, examining current site conditions and conducting a sub-surface investigation to install groundwater monitoring wells and conduct a groundwater sampling and analysis program.	\$7,464.07	\$20,000.00	October 1, 2016	December 31, 2018	Yes
9398	Town of Atikokan	New Landfill	Creating a new landfill to replace the existing end of life landfill.	\$150,000.00	\$900,000.00	August 1, 2017	July 31, 2019	Ongoing
8759	City of London	Closed Landfill Management	Cell capping/restoration, ground water monitoring, well installation, leachate and methane gas control measures at closed landfills. This program protects people and property, while complying with the Ministry of Environment and Climate Change criteria.	\$0.00	\$218,872.00	September 9, 2015	December 6, 2019	Ongoing
8425	Township of White River	White River Waste Disposal Expansion	An expansion to the White River municipal landfill site has been approved by the MECP and the following works will be carried out to develop the expansion. Construct onsite surface water management features including grading, drainage swales and detention pond; close the currently active portion of the site by grading, covering and seeding; construct internal access roads with perimeter fencing; and, expand the groundwater monitoring network by constructing additional wells.	\$0.00	\$300,000.00	January 1, 2014	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Solid Waste</b>								
8299	City of London	Landfill Gas Collection & New Cell Construction	Expansion of the landfill gas collection system is required as new cells are constructed and completed (i.e., filled to approved waste disposal capacity). The gas collection system is a requirement of the landfill's Certificate of Approval. Gas collection and flaring reduces odour and greenhouse gas emissions.	\$11,310.86	\$3,054,428.00	June 1, 2015	December 31, 2018	Yes
8295	City of London	Replacement of Ancillary Infrastructure of W12A Landfill	Install and replace the ancillary infrastructure (e.g., onsite access roads, leachate pumping stations, stormwater management ponds, site perimeter fencing, etc.) of the W12A Landfill Site. Installations and replacements are required to maintain compliance with Environmental Compliance Approval for the Site.	\$162,170.17	\$1,275,471.00	May 1, 2015	October 25, 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.	\$43,635.15	\$450,000.00	January 2, 2012	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Solid Waste</b>								
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.	\$14,689,349.04	\$220,584,002.17	August 17, 2011	December 31, 2020	Yes
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 2018.	\$497,209.31	\$48,837,932.90	January 1, 2007	December 31, 2018	Yes
574	City of London	Construction of Material Recovery Facility	Construction of a materials recovery facility that will enable the City to expand its recycling program and meet its goal of a 60% diversion rate. The current facility is privately owned and at capacity. This facility will be designed and constructed to process approximately 75,000 tonnes per year of Blue Box recyclables and will serve the City and surrounding areas.	\$2,160.27	\$22,459,660.00	May 9, 2006	December 31, 2019	Ongoing

**Total Federal Funds Used: \$20,946,300.94**

**Total Project Costs: \$319,918,251.66**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Sports</b>								
11131	City of Oshawa	Drainage Installation in Civic Sports Field	Installation of drainage improvements at Civic Fields #3 and #4 - including a perforated pipe and granular sub-drain system - in order to reduce and/or eliminate the number of field closures.	\$70,701.17	\$150,000.00	January 1, 2018	December 31, 2019	Ongoing
10772	City of Vaughan	Vaughan Sports Fields Improvement	This project provides improvements to the soccer field located in Vaughan Grove Sports Park. Work involves replacing and installing new field lighting at the sports park so that the field can offer services with extended play time available.	\$434,324.49	\$580,000.00	March 1, 2017	December 31, 2019	Ongoing
10491	Town of Ajax	Harwood South Soccer Pitch Improvements	Installation of new sports field lighting on an existing senior-size soccer field on Harwood Avenue South.	\$15,386.11	\$430,000.00	January 2, 2018	December 31, 2023	Ongoing
10031	City of Clarence-Rockland	Rehabilitation of Clarence Creek Baseball Diamond	The Clarence creek baseball diamond is more than 30 years old. The fence, the backstop, and the netting needs to be replaced. We are also changing the outfield from dust to grass.	\$3,419.14	\$171,141.00	May 29, 2017	December 20, 2019	Ongoing
9801	City of Thunder Bay	Improvements to Sports Facilities at Various Locations	Projects include improvements to Golf, Soccer fields, Baseball facilities and tennis courts as well as bleachers and benches for viewing. Work will renew assets which are available to citizens for recreational sport opportunities. A secondary benefit is improving the ability of the city to support events which attract tourists.	\$65,206.22	\$452,909.00	March 1, 2016	September 30, 2021	Ongoing

**Total Federal Funds Used: \$589,037.13**  
**Total Project Costs: \$1,784,050.00**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Tourism</b>								
11771	Municipality of Wawa	Highway Tourism Signage Update	The project involved replacing eight older, faded tourism billboards with an updated version, along the major highways leading to Wawa to provide a better overall image of the community and encourage travellers to visit. More visitors would mean more business for hotels, restaurants, gift shops and others relying on tourism dollars. This was identified as important to the tourism success of the Municipality in our Community Strategic Plan.	\$25,953.35	\$25,953.35	February 26, 2018	December 13, 2018	Yes
11122	Town of Mattawa	Mattawa Travel Information Centre Rehabilitation/Replacement	The Mattawa Travel Information Centre is a beautiful log building built in 1992. After 25+ years of weather abuse, this wooden building is showing its age and needs to be cared for. This project involves the renovation and/or replacement of the main floor tiles, windows in the vestibule, window sills, bottom log of the building, roofing improvements, and the application of log building preservative treatment.	\$0.00	\$20,000.00	August 1, 2018	December 31, 2020	Ongoing
10999	Township of Red Rock	Development of an RV Park	The Township relies heavily on tourism as our only industry shut down in 2006. We have developed our waterfront and marina over the last two decades and are developing an RV Park.	\$4,101.00	\$3,900,000.00	July 31, 2018	December 31, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Tourism</b>								
10998	Township of Red Rock	Marina Surveillance Cameras	Surveillance cameras at our marina have failed. The marina has a capacity of holding 84 boats during the season and at least 24 boats for storage. The Township has advertised that there are security cameras at the marina and that is the reason many boaters are attracted to Red Rock's marina as the cameras are always watching the boaters' investment.	\$7,048.91	\$14,097.83	June 1, 2018	June 30, 2018	Yes
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 completes the basic level of interior construction to facilitate occupancy of the Passenger Depot and Dining Hall as well as the level of site development required to support activities in the buildings and on the site.	\$116,856.78	\$3,800,000.00	January 1, 2015	December 31, 2019	Ongoing
9712	Town of Perth	Renewal of Outdoor Swimming Area - Terrace on the Tay Project at Mill St.	Continued renewal of closed outdoor swimming area into a gathering spot for cultural and community events, weddings, and tourist attraction. The project involves stabilizing the concrete surface, installing an interlock stone surface, landscaping for seating and natural elements, and installing decking, enhanced lighting, an accessibility ramp and new stairs.	\$93,004.79	\$569,000.00	January 1, 2017	April 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Tourism</b>								
9703	City of Thunder Bay	Marina Park improvements	Extension of Sleeping Giant Parkway and construction of new parking lot for improved access for visitors to the Marina and park areas.	\$177,320.72	\$1,504,518.00	March 1, 2016	December 31, 2020	Ongoing
<b>Total Federal Funds Used: \$424,285.55</b>								
<b>Total Project Costs: \$9,833,569.18</b>								

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11865	Township of McGarry	Installation of new Effluent Pump in McGarry Lagoon	The scope of this project covered the purchase and installation of a new effluent pump for the McGarry Lagoon.	\$27,447.83	\$27,447.83	October 1, 2018	October 31, 2018	Yes
11848	Town of Grand Valley	Riverhill Foundation Drain Collector Ph2 Crozier St	Add storm sewer collection system to eliminate inflow and infiltration into the sanitary sewers. 80 metres of new storm sewers will be installed.	\$200,000.00	\$851,371.00	July 1, 2018	November 30, 2018	Yes
11845	Township of Terrace Bay	Lakeview Sanitary Outfall Project	This project is for the upgrade of existing sanitary sewer infrastructure and a portion of the water system. This aged infrastructure was in need of replacement as it had reached its life expectancy. The upgraded infrastructure allows better maintenance and reduce the risk of blockages. 500 m of sanitary sewers are being replaced. The size of the water main was also increased for enhanced fire protection and facilitate future development.	\$50,000.00	\$600,000.00	November 1, 2017	December 31, 2018	Yes
11838	Town of Blind River	Sewage Treatment Plant Upgrades	The Sewage Treatment Plant required upgrades to both the aeration and disinfection systems. Also, failure of the VFD drives on the blowers, prior to the start of this project, resulted in a major overhaul of the plant's electrical systems in order to ensure the integrity of the treatment plant.	\$146,601.25	\$2,517,490.16	June 20, 2016	March 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11795	Township of Hornepayne	Update to Mapping of Wastewater System	System Engineering Survey - Updating as Built Maps/Drawings for the infrastructure in wastewater system. This would allow for operators, engineers and project managers to better understand the system (how it actually works) rather than relying solely on the memory of an operator with many years of service.	\$0.00	\$20,000.00	January 1, 2018	December 31, 2020	Ongoing
11767	Municipality of Wawa	Sewage Lagoon Building Upgrades	This project involves replacing the sewage lagoon building roof and adding a chemical feed system with pumps. Multiple repairs to the previous roof did not prevent leaking, so a new metal roof was installed. The addition of the chemical feed system will help optimize performance of the lagoon system.	\$16,704.93	\$16,704.93	June 26, 2018	September 10, 2018	Yes
11728	City of Dryden	Sanitary Manhole Lining	Apply interior lining to selected sanitary manholes to prolong their operational life. Lining will eliminate concrete/brick pieces falling into the sewer main causing back-ups and also reduce the amount of ground water infiltration. Benching of manholes is included in this project which provides for a smoother more direct flow through the manhole reducing the chance of blockages. This is an ongoing rehab project, with approx. 8 manholes lined each year.	\$53,475.00	\$300,000.00	January 1, 2018	December 31, 2023	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11713	Region of Halton	Upgrade of Wastewater Main on Chamberlain Rd from Longmoor Dr to Turner Dr	Replacement of the deteriorating current line with a new 200 mm diameter PVC line running the length of 400 m. The line directly services 31 households and is the ultimate collection line for 71 households.	\$245,903.00	\$634,000.00	January 1, 2018	December 31, 2020	Ongoing
11710	Region of Halton	Transfer of Laterals from Easement to Existing Mains on Main St South and Park Ave	Upgrading sanitary sewer system by abandoning deteriorating wastewater mains located within backlot easements and transferring services of 8 households.	\$956,592.00	\$1,504,000.00	January 1, 2018	December 31, 2022	Ongoing
11709	Region of Halton	Relocation of Sewers Located in Backyard Easements to Existing Mains on Felan Ave and Maurice Dr	Upgrading sanitary sewer system by abandoning deteriorating wastewater mains located within backlot easements, and transferring services of 5 households.	\$1,003,314.00	\$2,422,756.00	January 1, 2018	December 31, 2020	Ongoing
11704	Municipality of Port Hope	Trefusis Sanitary and Watermain Replacement	Replacement of the sanitary sewer and watermain on Trefusis Street from Percival to Fraser Street (the existing 250mm clay tile sewer requires constant monitoring and on-going maintenance). Additional sections of sidewalk and asphalt are being replaced as well.	\$315,915.40	\$641,610.82	January 1, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11668	City of Greater Sudbury	Rehabilitation / Replacement of Sanitary Sewers	Rehabilitation (lining) and replacement of approximately 5.5 km of sanitary sewers at the following locations: Rio Road; Selkirk Street; Secord Court; Nicolet Street; Burton Avenue; Humber Court; Hearne Avenue; Albany Street; Snowdon Avenue; Bruce Avenue; McNeill Blvd; Pine Street; Eyre Street; Whittaker Street; Hyland Drive; Beverly Drive; Shelley Drive; Parisien Avenue; Hastings Crescent; Second Avenue; Rix Street.	\$1,203,999.46	\$1,425,000.00	January 1, 2018	December 31, 2020	Ongoing
11653	Town of Parry Sound	Reconstruction of Emily St	This project is for the replacement of old water and sanitary sewer mains that are beyond their designed life expectancy. Replacing the pipes reduces operating costs and emergency costs to repair breaks. In addition, the existing sanitary sewer pipes and manholes were failing, and the sanitary sewer is compromised with storm drain connections and leaking joints.	\$197,190.00	\$5,147,381.00	June 19, 2015	October 30, 2018	Yes
11647	City of Sault Ste. Marie	Reconstruction of McNabb/Pim Street Sewer - Phase II	The project scope includes reconstruction of a major storm water collection sewer in the area of McNabb Street and Pim Street with a historical flooding problem on the roads and private property. A 1,500 mm to 1,800 mm sewer was installed to meet the design criteria that would accommodate 1 in 10 year storm design flows.	\$1,851,313.09	\$2,829,526.75	May 14, 2018	September 30, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11639	Township of Gauthier	Dobie Sanitary Sewage Lift Station Pump Refurbishment	The project is to refurbish a main pump (6 HP Flygt Pump, 3,450 RPM, 208 volts and 3 phase) in the Sanitary Sewage Lift Station to prolong the life of the system.	\$6,833.76	\$6,833.76	April 4, 2018	April 30, 2018	Yes
11629	Town of Bancroft	Wastewater Treatment Plant Sludge Tank Rehabilitation	Project is to rehabilitate the sludge holding tank which is part of the Wastewater plant system. A report on the tank found rehabilitation is needed in order to keep the facility running in good shape.	\$24,460.62	\$54,460.62	October 22, 2018	November 8, 2018	Yes
11591	The District Municipality of Muskoka	Port Severn Sewage Treatment Plant Upgrade	Upgrade wastewater treatment plant and pumping station systems to ensure both continue to effectively treat wastewater at current rated capacities. Upgrades involve the replacement of aging mechanical equipment and instrumentation devices and refurbishment of coatings.	\$8,459.17	\$870,000.00	November 14, 2018	December 31, 2020	Ongoing
11572	Township of Tiny	Installation of a Stormwater Drainage System on Tripp Lane and Tiny Beaches Road South	Installation of a stormwater drainage system along Tripp Lane and a portion of Tiny Beaches Road South. This alleviates flooding issues which have plagued the area in the past. This involves 13 catch basins, 7 double catch basins, and 740 m of storm pipe. In addition, the roads are being rebuilt with asphalt.	\$215,114.82	\$958,760.00	September 10, 2018	September 27, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11541	Township of Nipigon	Nipigon Railway Street Rain Garden Installation	The Township of Nipigon has undertaken installing rain gardens in strategic areas within the Township to assist with storm water runoff infiltrating our Sewage Treatment Plant and reducing the amount of treatment that takes place at the facility.	\$20,000.00	\$250,000.00	April 24, 2018	September 30, 2019	Ongoing
11454	City of Cambridge	Reconstruction of Storm Sewer Outfall	The project is for design and reconstruction of the Waterside Avenue storm sewer outfall. Work involves design of a gabion basket outfall structure, removal of the old gabion basket outfall structure, construction of a new concrete spillway (storm outflow channel) and reinstatement of the watermain that was broken when the previous gabion basket collapsed.	\$168,361.00	\$370,361.00	July 30, 2016	December 31, 2019	Ongoing
11451	City of Cambridge	Stormwater System Reconstruction - Glebe St, Cant Ave and Fraser St	Reconstruction of Glebe Street from Fraser Street to St Andrews Street, Cant Avenue from Fraser Street to dead end and Fraser Street from St Andrews Street to Glebe Street. Project involves replacement of water, sanitary, storm and road infrastructure due to deterioration and replacement of sidewalk, curb, traffic signs and utility relocation.	\$443,709.00	\$1,466,582.00	January 1, 2018	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11449	City of Cambridge	Stormwater System Reconstruction - Fraser St	Reconstruction of Fraser Street from Glebe Street to Grand Avenue South. Project involves replacement of water, sanitary, storm and road infrastructure due to deterioration and replacement of sidewalk, curb, traffic signs and utility relocation.	\$247,462.00	\$876,710.00	January 1, 2018	December 31, 2019	Ongoing
11446	Village of Newbury	Replacement of Valves and Actuators at Wastewater Treatment Plant	Replacement of Valves and Actuators in the inlet sides of the SBR (Sequencing Batch Reactor). The system has 2 tanks that are filled with sludge - the tanks take turns decanting (taking the water off) and if one tank is not working it adds a burden on the other and might result in a break down causing a compliance issue with MOE. It is therefore important to have both systems working.	\$22,784.51	\$36,634.00	June 12, 2018	June 12, 2018	Yes
11420	City of Thunder Bay	Installation of Stormwater Treatment Structures	Installation of a minimum of nine new stormwater treatment facilities, including bio-retention, bio-filtration, and oil-grit separator facilities and associated works. Designed to treat an approximate drainage area of 12.7 ha of existing developed area that currently receives no stormwater treatment.	\$6,291.63	\$622,543.00	March 1, 2018	September 30, 2022	Ongoing
11402	City of Thunder Bay	Reconstruction of Miles and Court Streets	This project involves reconstruction and installation of 165 m of new storm water sewers on Miles Street and 200 m of new storm sewers on Court Street. The work provides 11 houses on Miles Street and 23 houses on Court street with access to new storm sewers.	\$256,273.00	\$373,458.00	March 1, 2018	September 30, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11396	City of Thunder Bay	Storm Sewer and Water Infrastructure Renewal on Winnipeg Avenue	This project involves the renewal of 210 m of storm sewer from Beverly Street to Inchiquin Street on Winnipeg Avenue, along with the subsequent replacement of 260 m of road.	\$67,191.11	\$317,681.00	March 1, 2018	September 30, 2022	Ongoing
11390	City of St. Catharines	Sanitary Sewer Replacement on Terry Lane	Sanitary sewer replacement in conjunction with watermain and road works on Terry Lane from Shelley Ave to Graham Avenue.	\$0.00	\$222,000.00	July 19, 2017	December 31, 2020	Ongoing
11389	City of St. Catharines	Sanitary Sewer Replacement on Burness Dr	Replacement of sanitary sewers in conjunction with watermain replacement works on Burness Dr from Ferndale Avenue to Alexandra Boulevard.	\$0.00	\$1,043,000.00	April 2, 2018	December 31, 2020	Ongoing
11388	City of St. Catharines	Sanitary Sewer Replacement on Greenwood Ave and Beatrice St	Sanitary sewer replacement in conjunction with road works on Greenwood Avenue from Bunting Rd to Dundonald Street and on Beatrice Street from Dundonald Street to the end of the street.	\$0.00	\$1,298,000.00	October 26, 2016	October 30, 2020	Ongoing
11368	City of St. Catharines	Hartzel Rd Storm Sewer Replacement	Replacement of existing storm sewers with identified deficiencies to reduce surface flooding on Hartzel Rd from approximately 100 m south of Queenston Street to approximately 100 m north of Lincoln Avenue.	\$485,000.00	\$517,935.73	June 1, 2017	July 3, 2028	Yes
11367	City of St. Catharines	Storm Sewer Construction on Rodger Street and Sharon Street	Installation of storm sewers to alleviate surface flooding on Sharon Street and Rodger Street.	\$267,000.00	\$817,000.00	November 18, 2016	July 4, 2027	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11260	City of London	Combined Sewer Separation and Replacement on Bond St, Raywood Ave, Alexandra St and Lincoln Pl	This project involves the removal of 700 m of combined sewers and includes the installation of new storm sewers on Bond Street, Raywood Ave, Alexandra Street and Lincoln Place. The project also involves replacement of watermain and installation of new curb and gutter, sidewalk and roadway.	\$504,252.71	\$7,073,946.00	June 1, 2016	April 30, 2019	Yes
11258	City of London	Sanitary & Storm Sewer Rehabilitation on York Street & Main Street	Replacement of approximately 300 m of existing combined sewers with new sanitary and storm sewers, including private drain connections on York Street. Approximately 2,000 m of new sanitary sewers, storm sewers and private drain connections are being installed along Main Street and Longwoods Road. Both projects also include reconstruction of water services and road infrastructure.	\$2,986,675.82	\$6,249,980.00	April 2, 2018	June 28, 2019	Ongoing
11244	Municipality of Temagami	North Temagami Lagoon Rehabilitation	The North Temagami Lagoon, originally constructed in 1968, is in need of rehabilitation to ensure continued quality of the surrounding bodies of water. The lagoon system is replaced with an automated sewer plant and the resulting effluent is treated through a UV-filtration system to ensure there are no harmful qualities to the fluid being returned to the surrounding water systems.	\$53,509.60	\$2,200,000.00	March 15, 2018	September 15, 2021	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11190	Municipality of Meaford	Boucher Street East Sewer Replacement	Sewer replacement on Boucher Street East. GT funds were utilized for the preliminary design of the aging and failing wastewater infrastructure to be replaced, which included topographical survey, development of construction drawings and preliminary opinion of cost. Road, water, storm water, and sidewalk infrastructure were also addressed in this project.	\$0.00	\$317,000.00	August 15, 2009	December 31, 2023	Ongoing
11189	Municipality of Meaford	Replacement of sanitary sewer on Gray Avenue	Replacement of sanitary sewer on Gray Avenue. Gas Tax funds are used for the engineering, design, and a topographic survey.	\$0.00	\$192,200.00	June 1, 2010	December 31, 2021	Ongoing
11144	City of Oshawa	Replacement of Storm Sewer Pipe in Woodview Park	The storm sewer pipe (750mm wide by 65m long) going through Woodview Park is failing and requires relining with a 19.5mm thick liner.	\$58,003.31	\$58,003.31	January 1, 2018	December 31, 2018	Yes
11121	Town of Mattawa	Sanitary Sewer Lift Station Pump Repair and Electrical Upgrade	Bissett Street Sanitary Sewage lift station requires both pumps to be repaired/refurbished. Electrical control adaptation required at lift stations without permanent Gen-Set in order to accommodate feed from a portable Gen-Set.	\$60,000.00	\$80,451.52	June 1, 2018	December 31, 2018	Yes
11057	Municipality of Kincardine	Connaught Sewage Pumping Station Upgrades	Pumping station upgrades, trunk sewer and forcemain, including Shevchenko Blvd upgrade to urban standard (curb, gutter, sidewalks)	\$364,332.57	\$4,526,894.96	July 6, 2016	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
11012	Municipality of Central Huron	Installation of Mary Street Storm Drain Bypass	The project involves the twinning of a 1500 mm storm drain outlet. The extra outlet will relieve the back pressure from the existing storm collection system that is now causing backup and flooding during heavy rain events. After installation of new drain pipe, Central Huron has no more water backups in the storm system which was causing flooding in area basements and roadways.	\$102,288.37	\$254,460.89	June 15, 2018	December 31, 2018	Yes
11001	Township of Red Rock	Replacement of Injector Pump in the Wastewater Treatment Plant	This project involves the replacement of the injector pump in the Wastewater Treatment Plant. The replacement is required for the operation of the aging facility. Also known as a dosing pump, it is used in the water tower to re-treat the stored water as it is re-introduced into the distribution system. It helps maintain the chlorine residual in the system.	\$2,605.06	\$2,605.06	July 3, 2018	August 31, 2018	Yes
10897	The District Municipality of Muskoka	Design & Construction of Mountview SPS & Forcemain from Mountview to Golden Pheasant	Design and construction of new Mountview Sewage Pumping Station (SPS) after the decommissioning of Mountview Waste Water Treatment Plant (WWTP). A new forcemain will be constructed from Mountview SPS to Golden Pheasant WWTP.	\$46,981.08	\$2,750,000.00	May 30, 2017	December 31, 2019	Ongoing
10861	City of Greater Sudbury	Rehabilitation/Replacement of Sanitary Sewers	Rehabilitation (lining) and replacement of approximately 7.2 km of sanitary sewers on Algonquin Rd and Margaret St and rehabilitation in various locations (i.e., York St, Strathmere, Talon St, Beatty St, etc.).	\$193,110.32	\$9,945,532.36	January 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
10844	Region of Niagara	Trunk Sewer - Stamford Interceptor Renewal	The Stamford Interceptor Trunk Sewer requires rehabilitation as corrosion has caused significant structural damage. The project involves rehabilitation of approximately 920 m of 1,050 mm diameter sewer and 1,395 m of 1,200 mm diameter sewer, including the rehabilitation of 24 manholes.	\$61,581.13	\$7,650,000.00	January 1, 2018	December 31, 2023	Ongoing
10842	City of Guelph	Stormwater Pond Rehabilitation	Project involves removing sediment, rehabilitating the pond structure, and removing vegetation within 2 m of the inlet, outlet and spillway to ensure proper function of pond.	\$64,824.61	\$1,746,639.00	January 1, 2017	June 30, 2020	Ongoing
10743	City of Brampton	Storm Water Management Facilities Restoration in Multiple Locations	The project work involves major restoration and renewal activities for stormwater management facilities (ponds), as well as stream bank erosion control works. Activities entail removal and disposal of contaminated sediment; construction of erosion protection/stream bank stabilization works at Fletchers Meadow Pond-10100 Chinguacousy Rd; Sorby Pond-25 Salvation Rd; Pond in Chant Valley; and Flower City Community Campus Pond-8850 McLaughlin Rd.	\$1,095,446.54	\$2,000,000.00	January 1, 2017	March 31, 2019	Ongoing
10739	Township of Clearview	Replace 3 Sewer Treatment Membrane Cassettes in Creemore	Replacing three existing wastewater treatment membrane cassettes with new ones and other sewer equipment replacements and efficiency upgrades	\$100,000.00	\$152,454.32	January 2, 2017	November 30, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
10730	Haldimand County	Various Sanitary Sewer Rehabilitations	Countywide sanitary sewer rehabilitation and replacements identified through the ongoing condition assessments and Inflow and Infiltration Program activities. Project includes manhole and sewer replacements as required in multiple locations in Hagersville, such as, John Street, Hewitt Drive, Wardell Cresc, Tuscarora St, King St, and Mary St. The total sewer replacements are expected to be upwards of approximately 1,500 meters.	\$0.00	\$250,000.00	April 30, 2018	June 30, 2019	Ongoing
10722	Norfolk County	Port Dover WPCP Upgrades	Major upgrades to the Port Dover Water Pollution Control Plant (WPCP), including aeration system and blowers, headworks, chlor/dechlor disinfection, installation of equalization tank, installation of standby generator and replacement of onsite pumping station.	\$0.00	\$8,500,000.00	January 31, 2010	November 30, 2020	Ongoing
10644	Township of Edwardsburgh/Cardinal	Walker St Reconstruction Project	Full reconstruction of Walker St from Gill St to County Rd 2, involving road, water, storm and sanitary sewer main replacement.	\$180,000.00	\$1,098,901.14	July 16, 2018	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
10619	Region of Halton	Skyway Wastewater Treatment Plant Upgrades	Structural, mechanical and electrical upgrades for Final Clarifiers due to age and poor condition of steel internal mechanism items; RAS and drain piping upgrades at galleries associated with Final Clarifiers due to multiple breaks in the past 5 years; and mechanical upgrades associated with Aeration Tanks for better flow control during low flow period.	\$2,572,233.00	\$4,216,000.00	January 1, 2013	December 31, 2020	Ongoing
10602	City of Thunder Bay	Empress Ave Storm Sewer Replacement	Extension of the Empress Ave storm sewer by 400 m to deal with peak rainwater flows and minimize damage and risk to infrastructure and residential properties. Also included is a new outfall structure with a “green” storm water treatment device: a bio-retention Low Impact Development facility within the parking lot. The facility is designed to treat a drainage area of 3,200 sq. m, store 252 cu. m, and treat an annual runoff volume of approximately 2,065 cu. m/yr.	\$385,447.38	\$1,473,368.00	March 1, 2017	September 30, 2022	Ongoing
10601	City of Thunder Bay	Improve Surface Water Management – Ditching Near Roadways	Rural ditching is required to ensure surface water flows are properly managed during and after rain events and spring thaw. This work improves existing drainage systems and enhances the protection of roads and other municipal infrastructure during weather events.	\$159,955.09	\$400,054.00	March 1, 2017	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
10567	City of Welland	Rehabilitation/Replacement of Sanitary Sewer Infrastructure on Bishop, Nelles and McNaughton Roads	Rehabilitation and/or replacement of sanitary sewers, replacement of cast iron watermain, laterals, roadways and sidewalks on Bishop, Nelles & McNaughton Roads. The project includes the replacement of 250 mm and 300 mm sanitary sewers for a length of 1,112 m.	\$0.00	\$2,605,170.00	August 4, 2017	November 29, 2019	Ongoing
10546	Town of Smiths Falls	Sewer Lining at various locations throughout Smiths Falls	Through sewer internal review 2017, it was noted that various sewers required reinforcement/rehabilitation utilising "Cured in Place" trenchless methodology. This trenchless methodology of CIPP repair, eliminates open cut operations and decreases disruption to the flow of traffic within A neighbourhood. (Condie St. 220m of 203mm dia. and Pine St. 102m 250 mm dia. clay pipes.)	\$28,580.01	\$100,000.00	May 1, 2018	April 30, 2019	Ongoing
10446	Town of Pelham	Stormwater Management Facility on Pelham Street/Hurricane Rd	Stormwater management facility upgrade on Shorthill Pl and road reconstruction on Pelham St to accommodate construction of a new underground storm main and elimination of roadside ditches (swales) that cause flooding during heavy rains. The project involves a full new road cross-section, watermain replacement, active transportation elements, and stormwater management and sanitary sewer improvements. Also included are design work, geotechnical study and utility relocation.	\$0.00	\$947,775.00	May 1, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
10363	City of Cambridge	Reconstruction of Stormwater System (Wellington St, Jardine St, Wright Ave)	Reconstruction of storm systems of multiple streets. Involves replacement of water, sanitary, storm, and road infrastructure. Project entails separation of storm and sanitary sewer to reduce infiltration and inflow. Approximately 1,400 m of storm infrastructure is being replaced as part of this project.	\$339,485.00	\$5,228,153.00	January 1, 2017	December 31, 2019	Ongoing
10343	Town of Minto	Upgrading of Sanitary Sewer, Stormwater & Watermain on George St Harriston	The reconstruction of George St encompasses the replacement of existing deteriorating and infiltration burdened sanitary sewer system as well as the upgrade to the existing undersized storm sewer and watermain systems. Work involves rehabilitation and upgrade of existing semi-urban road cross-section to improve the local road drainage and the overall storm sewer system. There are 32 connections.	\$0.00	\$1,430,000.00	January 3, 2017	December 31, 2018	Yes
10318	City of London	Sewer Replacement for the Dundas St and Byron Baseline Rd Reconstruction	Both Dundas Street and Byron Baseline Road have been identified as a high priority in the replacement program due to the poor condition of the municipal infrastructure. The sewers have reached the end of their life expectancy. Dundas Street includes replacing 700m of sanitary with 300-525 diam. pipes & 700m of storm 375-1050 diam. pipes. Byron Baseline had 560m of sanitary, 200-300 diam. pipes and 535m of storm replaced and 277m of new storm sewers with pipes in the range of 300-975 in diam.	\$0.00	\$10,000,000.00	March 1, 2017	September 7, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
10312	City of Barrie	Essa Rd Right of way Replacement & Hotchkiss Creek Expansion - Anne to Gowan St	Removal and replacement of the sanitary sewer system, the removal and increasing size of the storm sewer system and the replacement of some domestic water services. The existing storm sewer ranged from 450mm to 600mm in diameter and was replaced with storm sewer ranging in size from 1200mm in diameter to a box 2400mm by 1500mm.	\$460,501.44	\$3,227,049.00	July 4, 2017	December 31, 2019	Ongoing
10280	City of Peterborough	Chemong Rd N Urbanization - Milroy Drive to North City Limit	The urbanization of Chemong Road involves installation of curbs, gutters, sidewalks, and storm sewers, pavement rehabilitation, and the potential addition of bike lanes and turning lanes.	\$0.00	\$3,550,000.00	May 1, 2018	March 31, 2021	Ongoing
10276	City of Peterborough	Sanitary Sewer Upgrades & Rehabilitation of Gilchrist St north of McDonnel St	This project includes sanitary sewer upgrades on Gilchrist street north of McDonnel Street to reduce sanitary sewer backups. Storm sewer works are included for the Brookdale Channel outfall at the Donegal Street Bridge. Approximately 656 m of sanitary sewers and 505 m of storm sewers of various diameters are being replaced. Also included is the formalization of McDonnel Street with the installation of sidewalk, cycling lanes and new curb and gutter from Park Street to Donegal Street.	\$1,705,862.00	\$6,807,532.00	July 4, 2017	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
10275	City of Peterborough	Replacement of aging storm sewers on Hilliard Street	The project is for the replacement of aging storm sewers on Hilliard Street (from Marina Blvd to The Parkway Right-Of-Way) during the installation of the Peterborough Utilities Commission watermain.	\$1,250,000.00	\$7,900,000.00	May 1, 2017	December 31, 2019	Ongoing
10268	City of Barrie	Construction of New Stormwater Pond on Dyments Creek	Construction of a new storm water management facility (pond) on Dyments Creek north west of the Dunlop Street West and Ferndale Drive intersection to provide storm water quantity and quality treatment to mitigate downstream flooding.	\$19,448.01	\$164,476.00	January 1, 2017	December 31, 2019	Ongoing
10267	City of Barrie	Construction of new Drainage Outlet on Albert Street	Construction of a storm sewer to handle major storm flows from Albert Street to reduce flooding on private property along with approximately 125 m of storm sewer to capture flows from Albert Street at Amelia and convey them to Theresa street storm sewer which is replaced as part of a separate project.	\$13,416.17	\$75,000.00	July 1, 2017	December 31, 2020	Ongoing
10258	Municipality of Centre Hastings	Lagoon rehabilitation	Removal of 16000 m3 of settled solids using loader and excavator to improve quality of the discharge and restore design volume.	\$75,000.00	\$322,446.96	April 2, 2018	November 30, 2018	Yes
10226	Town of Grand Valley	Baker Court Sewer Infiltration	Add storm sewer collection system to eliminate inflow and infiltration into the sanitary sewers.	\$0.00	\$512,000.00	January 1, 2016	September 30, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
10205	City of London	Sanitary and Storm Sewer Replacement on Landor St and McCormick Blvd	Sewers are being fully replaced or rehabilitated in conjunction with other service and utility upgrades in selected areas that have been identified as a priority in the City's replacement program due to the poor condition. About 960 m of sanitary pipes and 601 m of storm pipes are being replaced on McCormick, and 575 m of sanitary pipes and 560 m of storm pipes are being replaced on Landor St. New sanitary pipes 200 mm to 375 mm in diameter; new storm pipes are 375 mm to 1050 mm in diameter.	\$0.00	\$14,946,606.00	March 1, 2016	December 31, 2018	Yes
10185	City of London	Fanshawe Park Rd Sewer Replacement - Adelaide St to McLean Dr	Replacement of sewers in poor condition and installation of new sewers where none existed previously. About 644 m of new sanitary pipes (200 mm in diameter) and 1,875 m of new storm pipes (300 mm to 1,050 mm in diameter) are being installed. Work is being done in conjunction with widening and watermain replacement on Fanshawe Park Road.	\$0.00	\$376,000.00	March 22, 2016	August 31, 2018	Yes
10005	City of Barrie	Stormwater Pond Maintenance	Watercourse Detention Pond maintenance activities involve a significant amount of sediment removal and vegetation cutting. This project also involves internal/external surveying and data processing for operational requirements.	\$250,000.00	\$4,327,300.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
9996	City of Cambridge	Storm Systems Reconstruction (Queenston Rd, Elgin St, Whitley St etc.)	Replacement/reconstruction of storm systems of multiple streets. Involves reconstruction of water, sanitary and road infrastructure. Approximately 2,000 m of storm infrastructure is being replaced as part of this project.	\$143,989.00	\$8,795,485.00	January 1, 2016	December 31, 2019	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.	\$0.00	\$5,565,000.00	January 1, 2016	December 31, 2020	Ongoing
9850	Region of Halton	Replacement of UV Disinfection System at Georgetown Wastewater Treatment Plant	Halton Region is no longer able to acquire spare parts for the Ultra Violet (UV) Disinfection System at Georgetown Wastewater Treatment Plant. The UV system is being replaced to ensure that the facility remains in compliance with its Environmental Compliance Approval.	\$198,639.00	\$1,750,000.00	January 1, 2016	December 31, 2019	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. Ponds cleaned are Larissa Pond (45A), Pond 8, and Audia Pond (Pond 21 A&B).	\$177,868.69	\$512,400.00	February 1, 2016	December 31, 2018	Yes
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.	\$0.00	\$824,668.08	September 1, 2015	August 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
9700	City of Thunder Bay	Expansion of Storm Sewer System at Crawford Pl and Cumberland St	Installation of 400 m of new stormwater infrastructure on Crawford Place by Local Improvement and replacement of storm mains on Cumberland Street. Construction of new bioswales was also included in the Cumberland Street project to improve stormwater quality.	\$0.00	\$220,343.00	March 1, 2016	September 30, 2020	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.	\$0.00	\$250,000.00	January 1, 2016	March 31, 2020	Ongoing
9488	City of Oshawa	Storm Water Management Pond Cleaning	A Storm Water Management (SWM) pond is engineered and designed to control the quantity and quality of storm water prior to its discharge into the local water course to reduce the impacts of development on the watershed. It has been identified through regular inspections that an excessive amount of sediment builds up in the cell of the ponds. The ponds must be cleaned in order to function properly and improve water quality.	\$376,751.06	\$539,452.19	January 1, 2016	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
9206	City of Greater Sudbury	Sanitary Sewer Replacements and/or Rehabilitation	Wastewater projects include sanitary sewer replacements and/or rehabilitation (lining) and are determined based on a review of condition, operational issues and capacity. Repairs and replacement of approximately 236 metres of sanitary sewers will be done.	\$5,057.50	\$2,897,232.14	April 1, 2016	December 31, 2019	Ongoing
9099	Region of Halton	Wastewater Main Upgrade on New St from Drury Ln to Martha St	Replacement of deteriorating vitrified clay and asbestos cement mains with 200 and 250 mm diameter PVC pipes running 1.3 km in length to improve service reliability. The sewers directly service 64 residential and ICI customers including one high-rise building.	\$0.00	\$1,532,000.00	January 1, 2016	December 31, 2019	Ongoing
9097	Region of Halton	Wastewater Main Upgrade on Mill St. W from Birchway to Park Ave.	Replacement of deteriorating asbestos cement and vitrified clay mains with 200 mm diameter PVC pipes running 830 m in length to improve service reliability. The mains directly service 47 residential and 3 industrial/commercial/institutional customers and is the ultimate collection line for 162 customers.	\$69,738.00	\$1,898,000.00	January 1, 2016	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
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.	\$0.00	\$1,240,000.00	May 2, 2016	September 30, 2019	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.	\$0.00	\$1,105,000.00	May 2, 2016	November 30, 2020	Ongoing
8836	City of Thunder Bay	Replacement of Storm Structures at Various Locations in the City	Storm structures were replaced and installed in a number of areas of the city - including off Madeline St, at Syndicate and Durban, on Tarbutt St (Neebing River to Walnut) and on Walnut Street (Tarbutt to Lillie). Work included excavation, installation and rehabilitation of road and curb surfaces.	\$0.00	\$925,806.00	March 2, 2015	May 15, 2019	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
8771	City of Mississauga	Replacement of Downtown Storm Sewer Trunk	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. The scope of work includes replacement of the existing corrugated metal pipes of 1650mm to 3000mm diameter with concrete pipes of 1800mm to 2400mm diameter. Total length of pipe replacement is about 600m.	\$0.00	\$17,400,000.00	January 1, 2015	December 31, 2019	Ongoing
8733	City of Niagara Falls	Huron Street Sewer Separation	Sewer separation involving the installation of new storm and sanitary sewers, watermain replacement and road reconstruction.	\$0.00	\$900,000.00	May 1, 2016	December 31, 2019	Ongoing
8729	City of Stratford	Replacement of Retaining Walls on Roadhouse Drain	Repair and replacement of 190 m of collapsing retaining walls for the Roadhouse Municipal Drain between Huron Street and Hibernia Street. Work involves temporary measures to shore up the walls, geotechnical and structural reviews, design of the ultimate replacement structures, and compliance with the Drainage Act.	\$3,195.92	\$2,500,000.00	September 1, 2016	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
8501	Haldimand County	Sanitary Sewer Rehabilitation in Multiple Locations	Sanitary sewer rehabilitations and replacements identified through the ongoing inflow and infiltration Program. Project includes manhole and sewer replacements as required in Jarvis and Caledonia. Jarvis locations include Highway #3, Church St, Highway #6, Craddock Blvd, Lafayette St and Peel St. Caledonia locations include Fife St East, Renfrew St East, Haller Crescent, Orkney St East, and Aberdeen St. Total replacements expected to be approximately 1,600 meters.	\$189,927.66	\$886,000.00	February 1, 2015	December 31, 2019	Ongoing
8423	City of Markham	Storm Sewer Pipe Rehabilitation	About 5.8 km of storm sewer rehabilitation at 72 locations to reduce flooding risks. The scope of work includes design and construction using CIPP lining trenchless repair method. Road resurfacing is not required.	\$420,574.49	\$1,064,115.00	April 1, 2015	December 31, 2019	Ongoing
8422	City of Markham	Storm Water Management Pond Cleaning	Sediment removal from 4 storm water management ponds located at: 781 Rodick Rd / 9995 Kennedy Rd / 71 Pond Dr / 107 Tillie Sq.	\$38,725.87	\$2,081,984.00	August 1, 2015	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
8418	City of Markham	Bayview Glen Stormwater Management (SNAP)	This project supports the park design concepts in one of Bayview Glen's parks, with a focus on a stormwater management feature as part of the Glencrest Park revitalization project. Work involves the construction of a rain garden that complements the flood control plan outlined in the City's West Thornhill Stormwater Remediation Class Environmental Assessment. The stormwater management feature will also enhance wildlife habitat and ecological functions within the park.	\$0.00	\$222,300.00	June 1, 2015	October 31, 2018	Yes
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.	\$41,295.49	\$1,200,000.00	January 1, 2014	December 31, 2019	Ongoing
8289	City of Vaughan	Thomson Creek Blvd Storm Drainage Channel Rehabilitation	Removal and disposal of sediment from storm drainage channel at Thomson Creek Blvd.	\$0.00	\$110,000.00	December 31, 2014	December 31, 2018	Yes



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
8275	City of London	Separate Storm and Sanitary Sewers on Colborne/South Sts. & Overflow Mitigation	Colborne and South Street are located in the South of Horton Street (SoHo) Development area and have been identified as a high priority in the replacement programs due to the poor condition of municipal infrastructure. This project involves the replacement of 696 m of sanitary pipes and installation of 506 m of storm pipes (375 mm to 1,200 mm diameter).	\$34,793.34	\$1,913,861.00	May 1, 2015	September 14, 2018	Yes
8239	City of Vaughan	Avdell Avenue Storm Drainage Channel Rehabilitation	Removal and disposal of sediment from storm drainage channel at Avdell Avenue. Estimated measurement of 180 cubic meters (volume).	\$0.00	\$100,000.00	March 31, 2014	December 27, 2019	Yes
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 ensure that adequate storage is maintained in the storm water management facilities at all time.	\$47,592.71	\$1,045,000.00	December 31, 2015	December 31, 2021	Ongoing
8200	The District Municipality of Muskoka	Bala Sewage Treatment Plant Upgrade	Replacement of magnetic flow meters, instrumentation upgrades, process equipment rehab and replacement, as well as supervisory control and data acquisition hardware replacement. This project is for the rehabilitation of equipment as identified in our Asset Management Plan.	\$97,491.19	\$1,570,000.00	April 1, 2015	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
8172	The District Municipality of Muskoka	Beaumont Dr Sewage Pumping Station Upgrades	Upgrade the existing Beaumont Drive Sewage Pumping Station by undertaking a Class EA and renew the station with new equipment but utilize the existing wet well. Construct a new pump station building containing new controls, valves and generator (old building was not reusable nor did it meet electrical codes). Associated works include modifications to existing sewers and sewage forcemains and chambers. This project has been identified through our Asset Management plan as well.	\$350,530.36	\$2,202,372.92	April 1, 2015	December 31, 2018	Yes
8121	City of Greater Sudbury	Sanitary Sewer Replacement/Rehabilitation Projects	Wastewater projects involve sanitary sewer replacements and/or rehabilitation (lining) and are determined based on a review of condition, operational issues and capacity. This project included rehabilitation (lining) and replacement of approximately 4.3 km of sanitary sewers.	\$0.00	\$2,965,004.00	April 2, 2015	December 31, 2019	Ongoing
8101	Region of Halton	Replacement of Boiler Unit 1 and Hot Water Pumps at Wastewater Treatment Plant	Upgrades at Wastewater Treatment Plant to meet higher environmental standards and increase efficiency by replacing equipment that has exceeded its useful life, including the Waste Gas Burning System, Boilers 1 and 2, and Hot Water Pumps.	\$32,418.00	\$2,292,000.00	January 8, 2018	December 31, 2022	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
8099	Region of Halton	Wastewater Main Upgrade on Reynold from King to Randall St	Replacement of deteriorating vitrified clay mains with 200 and 300 mm diameter PVC wastewater mains running 420 m in length to improve service reliability. The mains directly service 13 residential and commercial customers.	\$663,775.00	\$1,401,000.00	January 1, 2015	December 31, 2021	Ongoing
8096	Region of Halton	Wastewater Main Seabourne Reroute, Jennings Crescent	Replacement and/or rehabilitation of deteriorating asbestos cement and vitrified clay mains with 250 mm diameter PVC pipes spanning approximately 800 m in length. These mains service 143 residential and commercial customers.	\$0.00	\$2,151,000.00	January 1, 2015	December 31, 2018	Yes
8094	Region of Halton	Wastewater Main Upgrade on Edinburgh Drive	Replacement of a deteriorating vitrified clay main with 200 mm diameter PVC wastewater main running 600 m in length to improve service reliability. The main directly services 58 residential customers including one high-rise building.	\$0.00	\$929,750.00	January 1, 2015	December 31, 2018	Yes
8093	Region of Halton	Wastewater Main Upgrade on Hixon St	Replacement of a deteriorating vitrified clay main with 200 mm diameter PVC wastewater main running 1.3 km in length to improve service reliability. The main services 116 residential customers as well as one high-rise building.	\$0.00	\$2,078,418.00	January 1, 2015	December 31, 2018	Yes
8090	Town of Fort Erie	Thunder Bay Storm Drainage Ph 4 - Cook Trunk	To construct a new storm sewer on Cook Ave from Thunder Bay Road to Riselay Ave. The storm sewer will intercept flows which presently flow easterly to Six Mile Creek helping reduce flooding in the area.	\$0.00	\$411,563.00	May 4, 2015	November 12, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
8010	Municipality of Huron Shores	Storm Drains Replacement	The Municipality will undertake to replace some of the drains in the storm drain system. This is necessary as sink holes appeared following a flood event of September 2013. Camera Inspections revealed the need to replace these pipes.	\$295,691.03	\$773,582.00	January 12, 2016	December 31, 2018	Yes
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. Projects include the construction of watercourse erosion control works along Applewood and Sawmill Creeks, design of culvert improvement and flood berming protection works along Cooksville Creek, dredging accumulated sediment of a stormwater management pond and the design of an underground flood storage facility under Eastgate Park.	\$154,641.39	\$7,841,674.20	January 1, 2014	December 31, 2020	Ongoing
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).	\$4,926.21	\$2,625,000.00	January 1, 2014	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
7872	City of Thunder Bay	Sanitary & Storm Sewer Improvements	This project includes separation of combined sanitary/storm sewer and construction of new infrastructure including manhole retirements. Separation of combined storm/sanitary systems resulted in construction of 1.43 km of storm and sanitary infrastructure. These infrastructure improvements are in accordance with the City's Pollution Prevention Control Plan and Asset Management Plan.	\$0.00	\$2,196,412.00	March 4, 2014	December 31, 2019	Ongoing
7768	City of Markham	West Thornhill Flood Control Implementation	This project involves about 3.7 km of storm sewer upgrades in the Thornhill area based on the Thornhill Stormwater Flood Remediation Class A EA study. Existing storm sewer pipes are being upgraded to accommodate a 100 year storm event.	\$2,000,000.00	\$77,900,000.00	July 1, 2014	December 31, 2020	Ongoing
7573	Region of Halton	Wastewater Main Upgrade on Weynway Crt - Bridge Rd	Replacement of the aging vitrified clay main with a 250 mm diameter PVC pipe running 700 m in length to improve service reliability. This main services 53 residential customers.	\$0.00	\$1,062,000.00	January 1, 2014	December 31, 2018	Yes
7572	Region of Halton	Wastewater Main Upgrade on Chisholm from Walker to Bond	Replacement and/or rehabilitation of deteriorating vitrified clay and deformed PVC pipes with 200, 250 and 300 mm diameter PVC water mains, running a length of approximately 700 m to improve service reliability. The mains directly service 63 residential customers.	\$0.00	\$1,143,000.00	January 1, 2014	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
7571	Region of Halton	Wastewater Main Upgrade on Deane/Felan from Kerr/Stewart to Dorval/Rebecca	Replacement of aging vitrified clay pipes with 200 and 300 mm diameter PVC mains running approximately 1.5 km in length to improve service reliability. The mains service 127 residential customers.	\$0.00	\$3,900,000.00	January 1, 2014	December 31, 2019	Ongoing
7280	Town of Latchford	Flushing Sewers & Camera'ing Watermains	This project involves the inspection of water lines and flushing of sewer lines to identify possible leaks and water/wastewater management concerns.	\$5,596.78	\$25,521.36	July 1, 2015	December 31, 2018	Yes
7212	City of Greater Sudbury	Replacement/lining of Sanitary Sewers on Kingsway	Project involves the replacement/lining of 200 mm sanitary sewers on the Kingsway for approximately 25 m.	\$0.00	\$136,672.07	May 1, 2013	December 31, 2019	Ongoing
7180	Town of Smiths Falls	Cured-in-Place Pipe (CIPP) Lining of Storm Sewer from Jasper Ave to Lower Reach Park Outfall	Approximately 200 m of pipe are being lined to extend the lifespan of the existing sewer and to ensure the enhancement and management of outgoing flows. Work will prevent infiltration within the existing storm sewer line located in Lower Reach Park.	\$0.00	\$90,000.00	August 15, 2014	December 31, 2018	Yes
7155	Town of Halton Hills	PW Operations Center Storm Water Management Pond	The project involves the construction of a storm water management pond and drainage swale, and a permeable paved parking lot.	\$0.00	\$8,630,052.62	August 16, 2011	October 17, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
7086	Region of Halton	Wastewater Main Upgrades in Multiple Locations	Wastewater main upgrades on Woodale Ave, Pineland Ave, Pinegrove Rd, and Weir Ave to replace a deteriorating vitrified clay wastewater main with 250 mm diameter PVC pipe running 2.5 km in length to improve service reliability. The wastewater main directly services 219 residential customers.	\$0.00	\$3,278,000.00	January 1, 2013	December 31, 2018	Yes
7085	Region of Halton	Replacement of Sewer and Removal of Lift Station/Manhole	Replacement and realignment of sanitary sewers to allow for removal of the lift station. There is a flooding potential if the specialized manhole lift station fails. Removal of the specialized lift station and realignment of sewers on Bellview Crescent with sewers on Bellview Street allows for removal of lift station.	\$0.00	\$815,000.00	January 1, 2013	December 31, 2018	Yes
7083	Region of Halton	Pump Station & Forcemain-PS master(BUR)	Expansion and renewal of the Pump Station to consolidate five out of eight pumping stations into one through the construction of a new deep sewage pumping station, a new forcemain and new local sewers. This project replaces aging infrastructure, accommodates intensification as well as improves operation/efficiency of the Burlington East system.	\$0.00	\$1,113,000.00	January 1, 2013	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
7076	Region of Halton	Upgrade of Grit Removal System at Oakville SE Wastewater Treatment Plant	Upgrading the aging Grit removal system at the Oakville South East Wastewater Treatment Plant. Installing a grit conveyor and clarifier system to provide the capability for continuous dewatering, reducing odour issues during cleaning, and lessening the exposure of Plant staff to unsanitary and labour intensive working conditions during cleaning.	\$0.00	\$9,463,000.00	January 1, 2013	December 31, 2020	Ongoing
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.	\$0.00	\$1,604,615.86	April 1, 2013	December 31, 2021	Ongoing
6969	City of Barrie	Lakeshore Drive capacity improvements of Dyment's Creek and Bunker's Creek	This project improves the flow capacity, fish habitat, and water quality of Bunkers Creek & Dyment's Creek. The flow capacity is improved to convey the peak flow generated by a 1 in 100 year storm event. The 3-culvert system under the old Lakeshore Dr. will be replaced with an open channel to improve fish habitat by removing the "long dark tunnel" and replacing with the "daylighted" open channel.	\$0.00	\$7,587,133.00	November 1, 2011	December 31, 2019	Ongoing



**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
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.	\$86,395.07	\$826,733.91	February 27, 2013	December 31, 2018	Yes
6880	City of Welland	River Road Area Sewer Separation	Separation of combined sewers into separate storm and sanitary sewers in order to reduce combined sewer overflows and basement flooding. Municipal services improvements will include the rehabilitation/replacement of cast iron watermains and water lateral services with 556 m of 250 mm diameter sanitary sewer & 800 m of 100 mm diameter sanitary lateral services.	\$0.00	\$100,000.00	February 27, 2014	March 30, 2018	Yes
6860	Town of Ajax	Stormwater Retrofit - Rain Gardens & Waterfront Improvements	Design and construction of Roadside Curb Gardens on Lake Driveway from Harwood Ave to Finley Ave based on the preferred solutions for the Master Plan Environmental Assessment (EA) for Stormwater Quality Retrofit Study for southwest quadrant of the Town. Project also includes restoration of wetlands near the waterfront (Paradise Park) which will reduce stormwater runoff and improve water quality through water filtration/ infiltration systems.	\$0.00	\$1,120,000.00	October 1, 2013	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
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.	\$1,127.97	\$370,573.33	March 11, 2013	July 31, 2019	Ongoing
6223	Town of Halton Hills	Drainage Area #10 – Stormwater Management Pond Construction	The construction of a quality and quantity control pond will reduce sediments and contaminants from entering watercourses as well as create wildlife habitat. Pond design and construction works under Credit Valley Conservation and Ministry of Environment permits.	\$0.00	\$1,000,000.00	April 1, 2013	December 28, 2018	Yes
6129	Region of Halton	Replacement of Wastewater Mains on Prince Charles Drive and St. Augustine Drive	Replacing 200 mm Wastewater Main (WWM) on Prince Charles Drive from Elmwood Road to Kerr Street and 200 mm WWM on St. Augustine Drive from Elmwood Road to Speers Road due to cracks and fractures, surface damage, roots, and ponding.	\$0.00	\$1,288,000.00	January 1, 2011	December 31, 2018	Yes
6126	Region of Halton	Replacement of Wastewater Main on Speers from Warminster to Morden	Replacing a 300 mm Wastewater Main (WWM) on Speers Road from Warminster Drive Easement to Morden Road due to multiple fractures and a deformed sewer installed in 1957.	\$0.00	\$2,804,000.00	January 1, 2011	December 31, 2019	Ongoing
6125	Region of Halton	Wastewater Main Upgrade on Fourth Line from Speers to Wycroft	Replacement of a 300 mm diameter vitrified clay pipe with a new 300 mm diameter PVC main running the length of 500 m. This main directly services 6 ICI customers and is the ultimate collection line for 41 customers.	\$0.00	\$323,208.00	January 1, 2007	December 31, 2019	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
6124	Region of Halton	Oakville South East Wastewater Treatment Plant Upgrades	Replacement of chain & flight gear boxes for primary clarifiers in plant 1&2. Replacement of the mechanical bar screen chains and sprockets. Replacement of scum pumps and refurbishment of scum pump troughs.	\$0.00	\$602,000.00	January 1, 2010	December 31, 2020	Ongoing
6122	Region of Halton	Georgetown Wastewater Treatment Plant Upgrades	Replacement/refurbishing of Travelling Bridges, Primary Tanks and Screening Building (Bar Screens, Washer/Compactor, HVAC, Electrical etc.) in Plant B.	\$480,070.00	\$5,299,000.00	December 1, 2009	December 31, 2020	Ongoing
6064	City of London	Sherwood Forest Flooding Remediation	To undertake design and construction of remedial works to alleviate basement flooding and sewer surcharging in the Sherwood Forest area. Preferred solution includes Weeping Tile Disconnection from sanitary, installation of sump pump, backwater valve and Storm Private Drain Connection.	\$0.00	\$630,064.00	February 1, 2011	March 30, 2018	Yes
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.	\$123,449.95	\$8,980,411.00	January 1, 2011	December 31, 2020	Ongoing

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project Description</i>	<i>Funds (GTF) Spent</i>	<i>Total Project Cost</i>	<i>Start Date</i>	<i>Financing End Date</i>	<i>Completed</i>
<b>Wastewater</b>								
5302	Region of Halton	Water Street & Navy Street Pump Stations Upgrades	Replacement of Water Street Pump Station and decommissioning of Navy Street Pump Station. Existing process equipment dates back to 1969 (Plant 1) and 1978 (Plant 2); 30 years would be a typical useful life for pumping equipment. Replacement systems are being implemented in stages to limit the risk of failure.	\$0.00	\$500,000.00	January 1, 2011	December 31, 2019	Ongoing
5297	Region of Halton	Wastewater Main Upgrade on Fairview from Walkers to Appleby	Replacement of deteriorating vitrified clay pipe with 250 mm diameter PVC main running 1.0 km in length to improve service reliability. The main services 32 industrial, commercial and institutional customers.	\$0.00	\$993,874.00	January 1, 2011	December 31, 2018	Yes
5245	Region of Niagara	Smithville Pump Station Upgrade	Capacity upgrade to service Smithville community through replacing about 3 km of forcemain. The upgrade also helps with future odour control improvements.	\$0.00	\$800,000.00	January 1, 2010	December 31, 2018	Yes
4317	Region of Halton	Wastewater Main on Spruce (Appleby to Hampton Heath)	Replacement/rehabilitation of 50 year old sanitary sewer to correct structural deficiencies. Installation of 300mm/250mm/200mm PVC Sanitary Sewers of various lengths. Work is being coordinated with watermain replacement and with local road related projects.	\$0.00	\$4,099,555.00	May 1, 2010	December 31, 2018	Yes

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

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<b>Wastewater</b>								
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. Phase 1, which included the outlet was completed in 2015 and Phase 2 on Westmoreland Street was completed in 2017.	\$0.00	\$2,000,000.00	January 1, 2009	December 31, 2020	Ongoing
2102	Town of Halton Hills	Removal of Existing Septic System and Creation of a Sanitary Sewer Connection	The previous system was at the end of its life span and was not up to current quality standards. The removal of the system reduced the risk of contaminating ground water. The project also included the purchase of an easement from Grey Owl Run to Trafalgar Road and installation of a sanitary sewer from Grey Owl Run to the Operations Centre facility on Trafalgar Road.	\$0.00	\$875,000.00	January 1, 2009	June 13, 2018	Yes

**Total Federal Funds Used: \$27,685,197.48**  
**Total Project Costs: \$388,974,082.80**

**Federal Gas Tax Fund  
Aggregate Municipal Annual Expenditure Report - December 31, 2018  
2018 Project Details**

<i>Project ID</i>	<i>Ultimate Recipient</i>	<i>Project Title</i>	<i>Project 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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**Grand Total - Federal Funds Used: \$613,804,267.60**  
**Grand Total - Project Costs: \$8,621,843,270.29**

\* Investment statistics in this report are based on AMO's Gas Tax database as of August 13, 2019. AMO's 2018 audited financial statements are also dated August 13, 2019. Data includes reports from 443 municipalities.



**Association of Municipalities of Ontario (AMO)**

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