

# The Canada Community- Building Fund

ANNUAL REPORT



PART  
TWO

20  
20

**AMO** Association of  
Municipalities Ontario

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

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



September 24, 2021

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

Dear Ms. Parenteau:

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

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

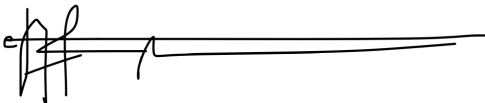
Independent audits supporting this attestation were completed by BDO Canada LLP and Baker Tilly KDN LLP. Reports summarizing their findings are included in Part II of AMO's Annual Report on the Fund.

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

As per the attached reports, there are no material issues of non-compliance. One municipality was not able to be audited. They will be audited next year for both 2020 and 2021 before any payments are transferred.

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: Pascal Girard, Director General, North/Atlantic/Ontario Program Operations Branch, Infrastructure Canada



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## Independent Auditor's Report

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

### Opinion

We have audited the Annual Report - Gas Tax Fund of the Association of Municipalities of Ontario (AMO) for the year ended December 31, 2020 and a summary of significant accounting policies.

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

### Basis for Opinion

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

### Other Information

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

- The information, other than the Annual Report - Gas Tax Fund and our auditor's report thereon, included in The Federal Gas Tax Fund 2020 Annual Report, and
- The information included in the Schedule - Transfer to Ultimate Recipients and the Schedule - Cumulative Balance Adjustments by Ultimate Recipients.

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

We obtained The Federal Gas Tax Fund 2020 Annual Report, the Schedule - Transfer to Ultimate Recipients and the Schedule - Cumulative Balance Adjustments by Ultimate Recipients prior to the date of this auditor's report. If, based on the work we have performed on this other information, we conclude that there is a material misstatement of this other information, we are required to report that fact in this auditor's report. We have nothing to report in this regard.

**Emphasis of Matter - Basis of Accounting**

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

**Responsibilities of Management and Those Charged with Governance for the Annual Report - Gas Tax Fund**

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

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

**Auditor's Responsibilities for the Audit of the Annual Report - Gas Tax Fund**

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

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

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

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

*BDO Canada LLP*

Chartered Professional Accountants, Licensed Public Accountants  
Barrie, Ontario  
September 24, 2021



## Association of Municipalities of Ontario Annual Report - Gas Tax Fund

	For the year ended December 31, 2020	Cumulative January 1, 2014 to December 31, 2020
Balance of Federal Gas Tax funds held by AMO, beginning of the year	\$ 2,325,181	\$ -
Transferred from the original program	-	16,190,205
Amounts received from Canada	647,931,647	5,029,180,420
Transferred to ultimate recipients	(644,691,987)	(5,032,323,647)
Administration costs (Note 1)	(3,239,660)	(21,841,555)
Interest earned by AMO	146,592	2,471,773
Transfer from reserves	-	8,794,577
Balance of Federal Gas Tax funds held by AMO, end of the year	<u>\$ 2,471,773</u>	<u>\$ 2,471,773</u>

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## Association of Municipalities of Ontario Note to the Annual Report - Gas Tax Fund

For the year ended December 31, 2020

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### Note 1 - Background Information

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

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

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

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

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

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



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## Association of Municipalities of Ontario Note to the Annual Report - Gas Tax Fund

For the year ended December 31, 2020

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### Note 2 - Summary of Significant Accounting Policies

#### Basis of Accounting

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

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

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

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**Association of Municipalities of Ontario  
Annual Report - Gas Tax Fund  
Schedule - Transfer to Ultimate Recipients  
(Unaudited)**

**For the year ended December 31, 2020**

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The following represents the information in aggregate reported by the ultimate recipients to AMO, as of August 26, 2021, regarding the allocation of funds:

	For the year ended December 31, 2020	Cumulative January 1, 2014 to December 31, 2020
Balance of Federal Gas Tax funds held by ultimate recipients, beginning of the year	\$ 1,375,147,654	\$ -
<b>Revenues</b>		
Transfers from AMO		
Received in the year specified	644,691,987	5,032,323,647
Received under new program but related to original program	-	(498,162)
Transfers from the original program	-	691,217,249
Proceeds from disposal of assets	65,000	331,488
Interest earned by ultimate recipients	24,905,441	119,234,591
	<u>669,662,428</u>	<u>5,842,608,813</u>
<b>Expenditures</b>		
Spent on eligible projects	(795,697,579)	(4,593,496,310)
	<u>(795,697,579)</u>	<u>(4,593,496,310)</u>
Balance of Federal Gas Tax funds held by ultimate recipients, end of the year	\$ 1,249,112,503	\$ 1,249,112,503

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## Association of Municipalities of Ontario Annual Report - Gas Tax Fund Schedule - Cumulative Balance Adjustments by Ultimate Recipients (Unaudited)

For the year ended December 31, 2020

During the current year, adjustments were made by a number of ultimate recipients in the amounts reported to AMO for the 2019 year. The adjustments have resulted in the following revisions to the cumulative amounts reported in 2020:

	Originally Reported	Adjustment	Revised Amount
<b>For the year ended December 31, 2019</b>			
Balance of Federal Gas Tax funds held by ultimate recipients, beginning of the year	\$ 831,512,032	\$ 835,672	\$ 832,347,704
<b>Revenues</b>			
Transfers from AMO			
Received in the year specified	1,303,427,490	-	1,303,427,490
Received under new program but related to original program	-	-	-
Transfers from the original program	-	-	-
Proceeds from disposal of assets	65,000	-	65,000
Interest earned by ultimate recipients	24,894,759	(176,606)	24,718,153
	1,328,387,249	(176,606)	1,328,210,643
<b>Expenditures</b>			
Spent on eligible projects	(783,880,738)	(1,529,955)	(785,410,693)
Balance of Federal Gas Tax funds held by ultimate recipients, end of the year	\$ 1,376,018,543	\$ (870,889)	\$ 1,375,147,654
<b>Cumulative January 1, 2014 to December 31, 2019</b>			
Balance of Federal Gas Tax funds held by ultimate recipients, beginning of the year	\$ -	\$ -	\$ -
<b>Revenues</b>			
Transfers from AMO			
Received in the year specified	4,387,631,660	-	4,387,631,660
Received under new program but related to original program	(498,162)	-	(498,162)
Transfers from the original program	691,080,919	136,330	691,217,249
Proceeds from disposal of assets	266,488	-	266,488
Interest earned by ultimate recipients	94,509,660	(180,510)	94,329,150
	5,172,990,565	(44,180)	5,172,946,385
<b>Expenditures</b>			
Spent on eligible projects	(3,796,972,022)	(826,709)	(3,797,798,731)
Balance of Federal Gas Tax funds held by ultimate recipients, end of the year	\$ 1,376,018,543	\$ (870,889)	\$ 1,375,147,654



September 27, 2021

Chris VanDooren  
Manager - Gas Tax Implementation  
Association of Municipalities of Ontario  
200 University Avenue, Suite 800  
Toronto, Ontario M5H 3C6

Dear Mr. VanDooren

During the course of our engagement to perform the specified procedures as noted in Appendix D, for the year ended December 31, 2020 with respect to the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds between the Association of Municipalities of Ontario (AMO) and the selected Municipalities dated April 1, 2014 (the Agreement), we identified matters which may be of interest to management. These procedures do not constitute an audit of the Municipalities' compliance with the Agreement and they are not designed to identify matters that may be of interest to management in discharging its responsibilities. Accordingly, these procedures would not usually identify all such matters.

### **Samples**

We selected a sample of 46 municipalities, listed in Appendix A-1, based on the selection criteria provided by AMO (Appendix A-2). As BDO Canada LLP is the auditor for 6 of the selected municipalities, AMO engaged a different firm to perform the specified procedures as noted in Appendix D for these municipalities.

One of the municipalities selected was the Township of Johnson, which was selected for the year ended December 31, 2019 as well. As the municipality was unable to provide the required information in the prior year, it was agreed that the specified procedures would be performed this year for both the year ended December 31, 2019 and the year ended December 31, 2020.

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

### **Procedures Performed**

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

### **Results**

We issued reports summarizing our findings for each of the 40 specified municipalities. Reports were sent to AMO independently of this document. In Appendix B, we have summarized the exceptions identified. In Appendix C, we have identified the municipalities where exceptions were noted.

### **Recommendations**

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

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

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

Yours truly,

*Giselle Bodkin*

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



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

**D:** 705.742-3418  
**F:** 705.742-9775

**www.bakertilly.ca**

September 28, 2021

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, 2020 that the Association of Municipalities of Ontario (“AMO”) requested us to perform with respect to the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds between the specific municipalities and the Association of Municipalities of Ontario (“Funding Agreement”) as of April 1, 2014. AMO requested us to perform these procedures in order to comply with the terms and conditions of the Administrative Agreement on the Federal Gas Tax Fund dated March 4, 2014 between AMO, the City of Toronto, the Province of Ontario, and the Government of Canada (“Administrative Agreement”).

The summary of work done is as follows:

### **Sample size**

A sample of 45 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. One municipality selected for 2019’s audit was added to the sample; this community could not be audited in 2019 due to staff turnover. As BDO Canada LLP is the auditor for 6 of the selected municipalities, it was agreed with AMO that the compliance work for these municipalities would be performed by Baker Tilly KDN LLP. For these 6 selected municipalities, we have performed procedures to review compliance for the 2020 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 6 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 results of these procedures.

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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.*



**Conclusion**

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

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

Yours sincerely,

A handwritten signature in black ink that reads "Baker Tilly KDN LLP". The signature is written in a cursive, flowing style.

Joanna Park, CPA, CA  
Partner

**Central Ontario and the Greater Toronto Area**

Bradford West Gwillimbury, Town of  
 Durham, Regional Municipality of  
 Haliburton, County of  
 Markham, City of  
 Mono, Town of  
 Oro-Medonte, Township of  
 Springwater, Township of  
 West Lincoln, Township of  
 York, Regional Municipality of

**Eastern Ontario**

Athens, Township of  
 Brudenell, Lyndoch and Raglan, Township of  
 Deseronto, Town of  
 Frontenac, County of  
 Hawkesbury, Town of  
 Leeds & Grenville, United Counties of  
 Mississippi Mills, Municipality of  
 Peterborough, City of  
 Russell, Township of \*

Stormont, Dundas & Glengarry, United Counties of  
 Whitewater Region, Township of

**North Eastern Ontario**

Brethour, Township of  
 Central Manitoulin, Municipality of  
 Dubreuilville, Township of \*  
 Hearst, Town of  
 James, Township of  
 Johnson, Township of  
 Kirkland Lake, Town of  
 Markstay-Warren, Municipality of  
 North Bay, City of \*  
 Ryerson, Township of  
 St. Charles, Municipality of  
 The North Shore, Township of

**North Western Ontario**

Dryden, City of  
 Manitouwadge, Township of  
 Red Rock, Township of \*

**South Western Ontario**

Brooke-Alvinston, Municipality of  
 Dawn-Euphemia, Township of \*  
 Georgian Bluffs, Township of \*  
 Huron East, Municipality of  
 London, City of  
 Morris-Turnberry, Municipality of  
 Oxford, County of  
 South Bruce Peninsula, Town of  
 St. Clair, Township of  
 Waterloo, City of  
 Woolwich, Township of

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

<b>Summary by Audit Firm</b>	<b>Count</b>
BDO Canada LLP	40
Baker Tilly KDN LLP	6
<b>Total</b>	<b>46</b>

\* denotes municipalities audited by Baker Tilly KDN LLP

### Background

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

### Sample Size

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

### Selection Criteria

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

### Geographic Distribution

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

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

### Sampling Method

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



<b>Section</b>	<b>Anticipated Municipal Action Required under the Agreement</b>	<b>Exceptions</b>
3.2	Be aware of the base amount.	2
3.3	Award contracts in accordance with the municipal procurement policy.	None
4.2	Complete Eligible Projects in accordance with Schedules B and C of the Agreement.	None
5.1	Apply funds to eligible expenditures as outlined in Schedule C of the Agreement.	None
5.4	Make records readily available.	None
5.5	Retain records in accordance with the municipal records retention policy.	3
6.2	Pass a by-law authorizing the transfer of funds, provide a copy of the by-law to AMO, and accurately report the transfer in the annual report (if applicable).	None
6.3	Pass a by-law authorizing the transfer of funds, provide a copy of the by-law to AMO, and accurately report the transfer in the annual report (if applicable).	None
6.6	Record funds in a segregated reserve fund.	7
	Deposit funds in an interest-bearing account or investment.	2
	Have an investment policy if funds are held in an investment.	1
	Report interest earned on unused funds to AMO.	None
6.9	Do not apply funds to rebated HST.	1
6.12	Do not exceed the federal contribution limit – if one exists – when applying funds to Eligible Projects.	None
7.1	Ensure that information reported to AMO matches that in the general ledger.	7
9.1	Follow generally accepted accounting principles when preparing the annual report and the financial statements.	2
9.2	Retain records in accordance with the municipal records retention policy.	3
10.1	Retain general liability insurance coverage for Eligible Projects and list AMO and Canada as additional insureds.	None
10.2	Provide a Certificate of Insurance to AMO.	None
11.1	Re-invest into Eligible Projects any revenue generated from the disposal of an asset if that asset is the result of an Eligible Project and if the disposal occurred within five years of the date of completion of the Eligible Project.	2
11.2	Notify AMO in writing 120 days in advance and at any time during the five years following the date of completion of an Eligible Project if it is disposed of.	None
11.3	Ensure that all other infrastructure resulting from Eligible Projects remains primarily for public use or benefit.	2

		Agreement Section #										
	Municipality	3.2	5.5	6.6(a)	6.6(b)	6.6(c)	6.9	7.1	9.1	9.2	11.1	11.3
1	Athens, Township of		D							D		
2	Bradford West Gwillimbury, Town of			A				A				
3	Brethour, Township of		F		G					F		
4	Brooke-Alvinston, Municipality of											
5	Brudenell, Lyndoch and Raglan, Township of			A				A			E	E
6	Central Manitoulin, Municipality of											
7	Dawn-Euphemia, Township of *											
8	Deseronto, Town of											
9	Dryden, City of											
10	Dubreuilville, Township of *			A								
11	Durham, Regional Municipality of											
12	Frontenac, County of											
13	Georgian Bluffs, Township of *	J										
14	Haliburton, County of											
15	Hawkesbury, Town of											
16	Hearst, Town of			A				A				
17	Huron East, Municipality of											
18	James, Township of											
19	Johnson, Township of			A				A				
20	Kirkland Lake, Town of			A				A				
21	Leeds & Grenville, United Counties of											
22	London, City of											
23	Manitouwadge, Township of											
24	Markham, City of											
25	Markstay-Warren, Municipality of			A			H	A				
26	Mississippi Mills, Municipality of											
27	Mono, Town of											
28	Morris-Turnberry, Municipality of											
29	North Bay, City of *											
30	Oro-Medonte, Township of					B		C				
31	Oxford, County of											
32	Peterborough, City of											
33	Red Rock, Township of *	J							K			
34	Russell, Township of *								L			
35	Ryerson, Township of											
36	South Bruce Peninsula, Town of											
37	Springwater, Township of											
38	St. Charles, Municipality of											
39	St. Clair, Township of											
40	Stormont, Dundas & Glengarry, United Counties of											
41	The North Shore, Township of		I		G					I	E	E
42	Waterloo, City of											
43	West Lincoln, Township of											
44	Whitewater Region, Township of											
45	Woolwich, Township of											
46	York, Regional Municipality of											

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

**Exceptions**

- A The Recipient has not recorded CCBF funds in a segregated reserve fund. Due to the exception identified at 6.6, there was no segregated reserve fund in the general ledger.
- B The Recipient does not have an investment policy.
- C Balances as per the general ledger differ from those reported to AMO in the annual report.
- D The Recipient does not have a records retention by-law.
- E The Recipient did not provide an asset inventory or list of assets for review.
- F The Recipient was not able to locate the records retention by-law.
- G Funds are not deposited and maintained in an interest-bearing account or investment.
- H Upon review of the related invoice, it was determined that the expenditure applied against CCBF funds during the year and included in the Annual Report did not include HST less any applicable tax rebates.
- I The Recipient's staff confirmed that documents and records pertaining to projects financed by the Fund are not being retained in accordance with the current records retention by-law.
- J The Recipient was not aware of the Base Amount.
- K A qualified opinion was provided as auditors were unable to obtain sufficient evidence for landfill closure and post-closure liabilities.
- L A qualified opinion was provided as the Township has not been recording donated assets as tangible capital assets. As a result, the auditors were unable to determine the necessary adjustments to the tangible capital assets, the amortization expense, the other revenues and the accumulated surplus for the years ended December 31, 2020 and 2019.

Per Funding Agreement	Specified Audit Procedure
<b>3.1 Communications</b>	
The Recipient will comply with requirements outlined in Schedule E:	None.
<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>	In a letter sent to AMO on January 29, 2014, Infrastructure Canada advised that monitoring and implementation of the communications protocol does not need to be subject to a compliance audit.
<b>3.2 Incrementality</b>	
Any Funds that the Recipient may receive from Canada are not intended to replace or displace existing sources of funding for the Recipient's tangible capital assets. The Recipient will ensure that its total annual expenditures on tangible capital assets over the life of the Agreement, on average, will not be less than the Base Amount.	Ask the Recipient's staff (i.e., the person responsible for submitting the Recipient's annual report) if the Recipient is aware of the base amount.
	While municipalities strive to invest federal Gas Tax funds incrementally, there are several reasonable explanations for non-compliance. Population decline, for example, might reduce the demand for – or ability to pay for – infrastructure. AMO therefore reports compliance at the aggregate municipal level. AMO additionally investigates municipalities that have consistently struggled to invest incrementally since 2014 – and that are therefore at risk of non-compliance – to better understand barriers to investment.
<b>3.3 Contracts</b>	
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.	Review the Recipient's Procurement Policy/By-law.
<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>	Verify that the summary of tender results submitted to Council is in accordance with the Procurement Policy/By-law for all contracts pertaining to the federal Gas Tax Fund that were awarded during the year.
<b>4.1 Eligible Project Categories</b>	
Eligible Projects include investments in Infrastructure for its construction, renewal or material enhancement in the eligible categories specifically described in Schedule B & C.	None. No action is required by the Recipient.

Per Funding Agreement	Specified Audit Procedure
<b>4.2 Recipient Fully Responsible</b>	
The Recipient is fully responsible for the completion of each Eligible Project in accordance with Schedule B and Schedule C.	Ensure that the description and nature of each project that received federal Gas Tax funding during the year is consistent with Schedules B and C of the <i>Municipal Funding Agreement</i> .
<b>5.1 Eligible Expenditures</b>	
Schedule C sets out specific requirements for Eligible and Ineligible Expenditures.	Review all invoices, progress billing certificates, and documents listed in the costing sheet provided by the Recipient that pertain to projects financed by the federal Gas Tax Fund year. For all amounts in excess of 1% of the amount received during the year, verify (by agreeing the details to invoices, progress billings and certificates of completion) that all significant expenditures are in accordance with Schedule C of the <i>Municipal Funding Agreement</i> .
<b>5.2 Discretion of Canada</b>	
Subject to Section 5.1, the eligibility of any items not listed in Schedule B and/or Schedule C to this Agreement is solely at the discretion of Canada.	None. No action is required by the Recipient.
<b>5.3 Unspent Funds</b>	
Any Unspent Funds, and any interest earned thereon, will be subject to the terms and conditions of this Agreement, and will no longer be governed by the terms and conditions of the First Agreement.	None. No action is required by the Recipient.
<b>5.4 Reasonable Access</b>	
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.	Confirm that the Recipient provided reasonable access to all materials required for the compliance audit. Note any instances in which reasonable access was not provided.



Per Funding Agreement	Specified Audit Procedure
<b>5.5 Retention of Receipts</b>	
<p>The Recipient will keep proper and accurate accounts and records of all Eligible Projects including invoices and receipts for Eligible Expenditures in accordance with the Recipient's municipal records retention by-law and, upon reasonable notice, make them available to AMO and Canada.</p>	<p>Review the Recipient's current records retention by-law. Confirm with the Recipient's staff that documents and records pertaining to projects financed by the Fund are being retained in accordance with the by-law.</p>
<b>6.1 Allocation of Funds</b>	
<p>AMO will allocate and transfer Funds that Canada may make available for Ontario Municipalities to Recipients on a per capita basis with allocations made on a 50:50 basis to upper-tier and lower-tier Municipalities, where they exist.</p>	<p>None. No action is required by the Recipient.</p>
<b>6.2 Transfer of Funds to a Municipality</b>	
<p>Where a Recipient decides to allocate and transfer Funds to another Municipality (the "Transferee Municipality"):</p> <ol 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> <li>c) No transfer of Funds pursuant to this Section 6.2 shall be effected unless and until the Transferee Municipality has either (i) entered into an agreement with AMO on substantially the same terms as this Agreement, or (ii) executed and delivered to AMO a written undertaking to assume all of the Recipient's obligations under this Agreement with respect to the Funds transferred; in a form satisfactory to AMO.</li> </ol>	<p>Ask the Recipient's staff if federal Gas Tax funds were transferred to other municipalities during the year. If so, verify that:</p> <ul style="list-style-type: none"> <li>• The Recipient passed a by-law that authorizes the transfer, identifies the Transferee(s), and states the amount of federal Gas Tax funds to be transferred;</li> <li>• A copy of the by-law was submitted to AMO (by reviewing correspondence with AMO);</li> <li>• The transfer date is after the date that the Transferee(s) entered into a Municipal Funding Agreement with AMO (or an agreement on substantially the same terms), or executed and delivered to AMO a written undertaking to assume all of the Recipient's obligations under the <i>Municipal Funding Agreement</i> with respect to the federal Gas Tax funds transferred in a form satisfactory to AMO; and</li> <li>• The amount of federal Gas Tax funds transferred is correctly stated in the annual report.</li> </ul>

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

Per Funding Agreement	Specified Audit Procedure
<b>6.6 Use of Funds</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>a) Any investment of unexpended Funds will be in accordance with Ontario law and the Recipient's investment policy; and</li> <li>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 &amp; C.</li> </ul>	<p>Verify, by reviewing the general ledger, that federal Gas Tax funds are in a segregated reserve fund.</p> <p>Confirm, by asking the Recipient's staff, that federal Gas Tax funds are deposited and maintained in an interest-bearing account or investment.</p> <p>If funds are held in an investment, confirm that the Recipient has an investment policy, and that the investment is in accordance with that policy.</p> <p>Separately, AMO uses a formula and interest calculator to determine the reasonability of the interest earned by re-computing the interest earned on the un-expended amount.</p>
<b>6.7 Funds Advanced</b>	
<p>Funds transferred by AMO to the Recipient shall be expended by the Recipient in respect of Eligible Expenditures within five (5) years after the end of the year in which Funds were received. Unexpended Funds shall not be retained beyond such five (5) year period. AMO reserves the right to declare that Unexpended Funds after five (5) years become a debt to Canada which the Recipient will reimburse forthwith on demand to AMO for transmission to Canada.</p>	<p>None. AMO monitors compliance annually.</p>
<b>6.8 Expenditure of Funds</b>	
<p>The Recipient shall expend all Funds by December 31, 2028.</p>	<p>None. Compliance with this clause cannot be assessed until 2023.</p>
<b>6.9 GST &amp; HST</b>	
<p>The use of Funds is based on the net amount of goods and services tax or harmonized sales tax to be paid by the Recipient net of any applicable tax rebates.</p>	<p>For the items identified in Section 5.1 above, review the invoices pertaining to the projects financed by the federal Gas Tax Fund and verify that the expenditures applied against federal Gas Tax funds during the year included HST less any applicable tax rebates.</p>

Per Funding Agreement	Specified Audit Procedure
<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.	None. No audit verification work is 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.	None. No audit verification work is 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.	Ask if any projects financed by the Fund during the year were also financed by other federal grant programs. If so, review the funding limitations set out in that funding agreement and verify that the limitations have been followed.
<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.	None. 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.	None. No action is required by the Recipient.

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

The Recipient shall report in the form in Schedule D due by March 31st following each Municipal Fiscal Year on:

- a) The amounts received from AMO under this Agreement in respect of the previous Municipal Fiscal Year;
- b) The amounts received from another Municipality;
- c) The amounts transferred to another Municipality;
- d) Amounts paid by the Recipient in aggregate for Eligible Projects;
- e) Amounts held at year end by the Recipient in aggregate, including interest, to pay for Eligible Projects;
- f) Indicate in a narrative the progress that the Recipient has made in meeting its commitments and contributions; and,
- g) A listing of all Eligible Projects that have been funded, indicating the location, investment category, project description, amount of Funds and total project cost.

Confirm that information in the Annual Report agrees with information in the GL.

### 7.2 Outcomes Report

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.

None.

Municipalities report outcomes for each project that completes construction during the year. Submission of these reports to AMO is required to submit the annual report.

### 8.1 Asset Management Plan

The Recipient will develop and implement an Asset Management Plan prior to December 31, 2016.

None.

All municipalities have submitted copies of their asset management plans to AMO.



Per Funding Agreement	Specified Audit Procedure
<b>8.2 Outcomes</b>	
<p>On a date and in a manner to be determined by AMO, the Recipient will provide a report to AMO demonstrating that Asset Management Plans are being used to guide infrastructure planning and investment decisions and how Funds are being used to address priority projects.</p>	<p>None.</p> <p>AMO asks municipalities about their efforts to improve asset management practices in an annual questionnaire. Completion of this questionnaire is required to submit the annual report.</p>
<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>None. No action is required by the Recipient.</p>

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

Per Funding Agreement	Specified Audit Procedure
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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.

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

#### 10.5 Recipient to Indemnify AMO

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

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

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

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

### 3.2 – Incrementality

#### Observations

BT identified two municipalities that were not aware of the Base Amount.

#### Management Response

AMO connected with municipal staff to discuss incrementality and the Base Amount. AMO additionally sent relevant data and a copy of its Base Amount Adjustment Policy to both municipalities.

The Policy explains how the Base Amount is calculated. The Policy also explains how the Base Amount is used – in combination with data from municipal Financial Information Returns (FIRs) submitted to the Ministry of Municipal Affairs and Housing – to assess compliance with the requirements set out in s. 3.2.

AMO regularly pulls data from FIRs to calculate compliance with s. 3.2. This data was shared with each municipality to help municipal staff understand what their Base Amount is and whether they are currently on track to be in compliance with s. 3.2.

### 5.5 and 9.2 – Retention of Receipts and Separate Records

#### Observations

BDO identified two municipalities did not provide a records retention by-law or policy. The first did not have a by-law or policy; the second was unable to locate its by-law or policy. BDO recommends that each develop a by-law or policy to ensure that records are appropriately retained.

BDO additionally identified one municipality that did not retain documents and records pertaining to projects financed by the Fund in accordance with the current records retention by-law. BDO recommends that AMO communicate with the municipality again regarding this requirement.

#### Management Response

AMO followed up with all three communities. The first two have agreed to develop a new records retention by-law or policy within the next year. The third experienced substantial staff and Council turnover in 2020. New staff affirmed their commitment to established policies and procedures. This municipality has also agreed to undergo another audit in 2022 for the 2021 reporting year.

### 6.6 – Use of Funds

#### Observations

BDO identified six municipalities that did not record funds in a segregated reserve fund. An additional two municipalities did not deposit and maintain funds in an interest-bearing account or investment. One additional municipality retained funds in investments – but did not have an investment policy. BDO recommends that AMO communicate with all municipalities again regarding these requirements.

BT additionally identified one municipality that did not record funds in a segregated reserve fund.

#### Management Response

AMO followed up all seven municipalities that were not recording funds in a segregated reserve fund. All agreed to set one up within the next year. AMO will additionally reach out to all municipalities to clarify expectations regarding the retention and recording of funds in a reserve fund.

AMO followed up with the two municipalities that were not depositing and maintaining funds in an interest-bearing account or investment.

- One experienced substantial staff and Council turnover in 2020. New staff cannot confirm that funds were in an interest-bearing account in 2020 – and therefore did not report interest earnings in 2020. New staff agreed to ensure that funds are deposited in an interest-bearing account or investment moving forward – and additionally agreed to undergo another audit in 2022 for the 2021 reporting year.
- The other reported interest earnings in 2020 based on the bank rate earned on the general fund – but cannot confirm that CCBF funds themselves were in an interest-bearing account. Municipal staff have agreed to ensure that funds are deposited in an interest-bearing account or investment moving forward.

AMO followed up with the municipality that does not have an investment policy. This community held funds in GICs through part of 2020 and has agreed to develop an investment policy moving forward.

## **7.1 – Annual Reporting**

#### Observations

BDO identified one municipality where information per the general ledger differed from that reported to AMO in the Annual Expenditure Report. This information consisted of:

- The amounts paid by the Recipient in aggregate for Eligible Projects; and
- The amounts held at year end by the Recipient in aggregate, including interest, to pay for Eligible Projects.

The municipality noted that there were amounts related to interest income and project expenditures that were not reported on the Annual Expenditure Report to AMO. BDO recommends that AMO communicate with this municipality regarding the requirements for preparing the Annual Expenditure Report.

BDO additionally identified six municipalities where, consistent with the exception identified at 6.6, there was no segregated reserve fund in the general ledger.

#### Management Response

AMO followed up with the municipality that had underreported interest earnings and project expenditures. Municipal staff revised their report to match amounts shown in the general ledger.



AMO followed up all seven municipalities that were not recording funds in a segregated reserve fund. All agreed to set one up within the next year. AMO will additionally reach out to all municipalities to clarify expectations regarding the retention and recording of funds in a reserve fund.

## 9.1 – Accounting Principles

### Observations

BT identified two municipalities that had qualified audit reports.

- In one case, a qualified opinion was provided as auditors were unable to obtain sufficient evidence for landfill closure and post-closure liabilities.
- In the other case, a qualified opinion was provided as the municipality has not been recording donated assets as tangible capital assets. As a result, the auditors were unable to determine the necessary adjustments to the tangible capital assets, the amortization expense, the other revenues and the accumulated surplus for the years ended December 31, 2020 and 2019.

### Management Response

AMO will continue to remind municipalities of the need to comply with public sector accounting standards. AMO has confirmed that this had no impact on the funds used in these two municipalities.

## 11.1 and 11.3 – Reinvestment and Public Use

### Observations

BDO identified two municipalities that were unable to provide an asset inventory or list of assets for review. BDO recommends that AMO communicate with these municipalities again regarding maintaining an asset inventory or list of assets.

### Management Response

AMO connected with municipal staff to discuss the need to maintain an asset inventory.

- One is updating its asset management plan with assistance from the Municipal Finance Officer's Association's AMP-It-Up program. Municipal staff expect to develop a detailed asset inventory as part of that work.
- The other experienced substantial staff and Council turnover in 2020. New staff were unable to locate an asset inventory in time for the audit – but have agreed to undergo another audit in 2022 for the 2021 reporting year, and expect to have an asset inventory available by then.

## Section D: CCBF Allocations in 2020

Municipality	Allocation	Municipality	Allocation
<b>Bruce, County of</b>	<b>\$ 2,017,087</b>	<b>Elgin, County of</b>	<b>\$ 1,518,905</b>
Arran-Elderslie, Municipality of	206,377	Aylmer, Town of	227,279
Brockton, Municipality of	287,011	Bayham, Municipality of	224,367
Huron-Kinloss, Township of	214,447	Central Elgin, Municipality of	382,449
Kincardine, Municipality of	345,499	Dutton/Dunwich, Municipality of	117,280
Northern Bruce Peninsula, Municipality of	121,315	Malahide, Township of	281,884
Saugeen Shores, Town of	416,061	Southwold, Township of	134,116
South Bruce Peninsula, Town of	255,310	West Elgin, Municipality of	151,529
South Bruce, Municipality of	171,066		
		<b>Essex, County of</b>	<b>\$ 5,506,937</b>
<b>Dufferin, County of</b>	<b>\$ 1,872,807</b>	Amherstburg, Town of	665,456
Amaranth, Township of	123,741	Essex, Town of	619,678
East Garafraxa, Township of	78,237	Kingsville, Town of	653,807
Grand Valley, Town of	89,674	Lakeshore, Town of	1,110,640
Melancthon, Township of	91,251	LaSalle, Town of	915,548
Mono, Town of	261,165	Leamington, Municipality of	837,128
Mulmur, Township of	105,509	Tecumseh, Town of	704,680
Orangeville, Town of	876,717		
Shelburne, Town of	246,512	<b>Frontenac, County of</b>	<b>\$ 809,280</b>
		Central Frontenac, Township of	132,660
<b>Durham, Regional Municipality of</b>	<b>\$ 19,589,047</b>	Frontenac Islands, Township of	53,392
Ajax, Town of	3,630,549	North Frontenac, Township of	57,578
Brock, Township of	353,174	South Frontenac, Township of	565,649
Clarington, Municipality of	2,791,328		
Oshawa, City of	4,837,355		
Pickering, City of	2,783,987		
Scugog, Township of	655,778		
Uxbridge, Township of	642,400		
Whitby, Town of	3,894,475		

<b>Municipality</b>	<b>Allocation</b>	<b>Municipality</b>	<b>Allocation</b>
<b>Grey, County of</b>	<b>\$ 2,846,449</b>	<b>Hastings, County of</b>	<b>\$ 1,202,164</b>
Chatsworth, Township of	201,129	Bancroft, Town of	117,735
Georgian Bluffs, Township of	317,893	Carlow/Mayo, Township of	26,211
Grey Highlands, Municipality of	297,416	Centre Hastings, Municipality of	144,825
Hanover, Town of	233,225	Deseronto, Town of	53,816
Meaford, Municipality of	333,426	Faraday, Township of	42,501
Owen Sound, City of	647,406	Hastings Highlands, Municipality of	123,711
Southgate, Township of	223,093	Limerick, Township of	10,496
The Blue Mountains, Town of	213,112	Madoc, Township of	63,039
West Grey, Municipality of	379,749	Marmora and Lake, Municipality of	119,919
		Stirling-Rawdon, Township of	148,101
<b>Haliburton, County of</b>	<b>\$ 547,933</b>	Tudor & Cashel, Township of	17,777
Algonquin Highlands, Township of	71,320	Tweed, Municipality of	183,352
Dysart Et Al, Municipality of	190,512	Tyendinaga, Township of	130,355
Highlands East, Municipality of	101,414	Wollaston, Township of	20,325
Minden Hills, Township of	184,687		
		<b>Huron, County of</b>	<b>\$ 1,798,848</b>
<b>Halton, Region of</b>	<b>\$ 16,637,452</b>	Ashfield-Colborne-Wawanosh, Township of	164,483
Burlington, City of	5,561,056	Bluewater, Municipality of	216,479
Halton Hills, Town of	1,855,394	Central Huron, Municipality of	229,827
Milton, Town of	3,340,869	Goderich, Town of	231,405
Oakville, Town of	5,880,133	Howick, Township of	117,492
		Huron East, Municipality of	277,213
		Morris-Turnberry, Municipality of	106,055
		North Huron, Township of	149,618
		South Huron, Municipality of	306,275

<b>Municipality</b>	<b>Allocation</b>	<b>Municipality</b>	<b>Allocation</b>
<b>Lambton, County of</b>	<b>\$ 3,743,461</b>	<b>Leeds &amp; Grenville, United Counties of</b>	<b>\$ 2,118,046</b>
Brooke-Alvinston, Municipality of	73,141	Athens, Township of	91,403
Dawn-Euphemia, Township of	59,671	Augusta, Township of	223,062
Enniskillen, Township of	84,820	Edwardsburgh/Cardinal, Township of	215,175
Lambton Shores, Municipality of	322,505	Elizabethtown-Kitley, Township of	298,933
Oil Springs, Village of	19,658	Front of Yonge, Township of	79,087
Petrolia, Town of	174,191	Leeds and the Thousand Islands, Township of	287,132
Plympton-Wyoming, Town of	236,471	Merrickville-Wolford, Village of	93,041
Point Edward, Village of	61,795	North Grenville, Municipality of	499,061
Sarnia, City of	2,171,892	Rideau Lakes, Township of	313,252
St. Clair, Township of	427,316	Westport, Village of	17,898
Warwick, Township of	112,001		
		<b>Lennox &amp; Addington, County of</b>	<b>\$ 1,301,060</b>
<b>Lanark, County of</b>	<b>\$ 1,817,686</b>	Addington Highlands, Township of	70,471
Beckwith, Township of	231,890	Greater Napanee, Town of	482,103
Carleton Place, Town of	322,899	Loyalist, Township of	514,836
Drummond/North Elmsley, Township of	235,804	Stone Mills, Township of	233,650
Lanark Highlands, Township of	161,935		
Mississippi Mills, Municipality of	399,316	<b>Middlesex, County of</b>	<b>\$ 2,170,588</b>
Montague, Township of	114,095	Adelaide Metcalfe, Township of	90,705
Perth, Town of	179,894	Lucan Biddulph, Township of	142,580
Tay Valley, Township of	171,855	Middlesex Centre, Municipality of	523,664
		Newbury, Village of	14,137
		North Middlesex, Municipality of	192,696
		Southwest Middlesex, Municipality of	173,614
		Strathroy-Caradoc, Municipality of	633,026
		Thames Centre, Municipality of	400,165

<b>Municipality</b>	<b>Allocation</b>	<b>Municipality</b>	<b>Allocation</b>
<b>Muskoka, District Municipality of</b>	<b>\$ 1,832,035</b>	<b>Northumberland, County of</b>	<b>\$ 2,581,704</b>
Bracebridge, Town of	485,683	Alnwick/Haldimand, Township of	208,380
Georgian Bay, Township of	75,810	Brighton, Municipality of	359,302
Gravenhurst, Town of	373,469	Cobourg, Town of	589,736
Huntsville, Town of	601,143	Cramahe, Township of	192,787
Lake of Bays, Township of	96,075	Hamilton, Township of	331,939
Muskoka Lakes, Township of	199,855	Port Hope, Municipality of	508,223
		Trent Hills, Municipality of	391,337
<b>Niagara, Region of</b>	<b>\$ 13,587,235</b>	<b>Oxford, County of</b>	<b>\$ 3,363,136</b>
Fort Erie, Town of	931,626	Blandford-Blenheim, Township of	224,458
Grimsby, Town of	828,604	East Zorra-Tavistock, Township of	216,267
Lincoln, Town of	721,608	Ingersoll, Town of	386,999
Niagara Falls, City of	2,671,742	Norwich, Township of	333,729
Niagara-on-the-Lake, Town of	531,218	South-West Oxford, Township of	232,497
Pelham, Town of	519,053	Tillsonburg, Town of	481,497
Port Colborne, City of	555,335	Woodstock, City of	1,240,813
St. Catharines, City of	4,038,147	Zorra, Township of	246,876
Thorold, City of	570,352		
Wainfleet, Township of	193,302	<b>Peel, Region of</b>	<b>\$ 41,916,757</b>
Welland, City of	1,586,373	Brampton, City of	18,008,741
West Lincoln, Township of	439,875	Caledon, Town of	2,017,420
		Mississauga, City of	21,890,596
		<b>Perth, County of</b>	<b>\$ 1,154,779</b>
		North Perth, Municipality of	398,315
		Perth East, Township of	371,953
		Perth South, Township of	115,581
		West Perth, Municipality of	268,931

<b>Municipality</b>	<b>Allocation</b>	<b>Municipality</b>	<b>Allocation</b>
<b>Peterborough, County of</b>	<b>\$ 1,692,246</b>	<b>Renfrew, County of</b>	<b>\$ 2,671,773</b>
Asphodel-Norwood, Township of	124,652	Admaston/Bromley, Township of	89,037
Cavan Monaghan, Township of	267,839	Arnprior, Town of	266,807
Douro-Dummer, Township of	203,526	Bonnechere Valley, Township of	111,455
Havelock-Belmont-Methuen, Township of	137,423	Brudenell, Lyndoch and Raglan, Township of	45,595
North Kawartha, Township of	75,204	Deep River, Town of	124,652
Otonabee-South Monaghan, Township of	202,343	Greater Madawaska, Township of	76,387
Selwyn, Township of	517,536	Head, Clara & Maria, United Townships of	7,523
Trent Lakes, Municipality of	163,725	Horton, Township of	87,581
		Killaloe, Hagarty & Richards, Township of	73,414
<b>Prescott &amp; Russell, United Counties of</b>	<b>\$ 2,710,027</b>	Laurentian Hills, Town of	89,826
Alfred and Plantagenet, Township of	293,655	Laurentian Valley, Township of	284,766
Casselman, Village of	107,633	Madawaska Valley, Township of	125,076
Champlain, Township of	264,107	McNab/Braeside, Township of	217,753
Clarence-Rockland, City of	743,602	North Algona Wilberforce, Township of	88,430
East Hawkesbury, Township of	99,988	Petawawa, Town of	521,389
Hawkesbury, Town of	311,341	Renfrew, Town of	249,455
Russell, Township of	501,155	Whitewater Region, Township of	212,627
The Nation, Municipality of	388,546		



<b>Municipality</b>	<b>Allocation</b>	<b>Municipality</b>	<b>Allocation</b>
<b>Simcoe, County of</b>	<b>\$ 9,268,205</b>	<b>Waterloo, Region of</b>	<b>\$ 16,234,557</b>
Adjala-Tosorontio, Township of	332,940	Cambridge, City of	3,941,283
Bradford West Gwillimbury, Town of	1,071,627	Kitchener, City of	7,075,077
Clearview, Township of	429,288	North Dumfries, Township of	309,885
Collingwood, Town of	661,118	Waterloo, City of	3,184,880
Essa, Township of	639,579	Wellesley, Township of	341,586
Innisfil, Town of	1,109,275	Wilmot, Township of	623,258
Midland, Town of	511,590	Woolwich, Township of	758,588
New Tecumseth, Town of	1,038,773		
Oro-Medonte, Township of	638,153	<b>Wellington, County of</b>	<b>\$ 2,758,534</b>
Penetanguishene, Town of	271,873	Centre Wellington, Township of	855,209
Ramara, Township of	287,830	Erin, Town of	347,016
Severn, Township of	408,841	Guelph/Eramosa, Township of	389,942
Springwater, Township of	578,178	Mapleton, Township of	319,350
Tay, Township of	304,363	Minto, Town of	263,045
Tiny, Township of	357,573	Puslinch, Township of	222,547
Wasaga Beach, Town of	627,202	Wellington North, Township of	361,426
<b>Stormont, Dundas &amp; Glengarry, United Counties of</b>	<b>\$ 1,982,564</b>	<b>York, Regional Municipality of</b>	<b>\$ 33,662,541</b>
North Dundas, Township of	342,132	Aurora, Town of	1,681,992
North Glengarry, Township of	306,669	East Gwillimbury, Town of	727,797
North Stormont, Township of	208,501	Georgina, Town of	1,377,811
South Dundas, Municipality of	328,632	King, Township of	743,602
South Glengarry, Township of	398,921	Markham, City of	9,979,589
South Stormont, Township of	397,708	Newmarket, Town of	2,555,039
		Richmond Hill, Town of	5,916,233
		Vaughan, City of	9,289,956
		Whitchurch-Stouffville, Town of	1,390,522

<b>Municipality</b>	<b>Allocation</b>	<b>Municipality</b>	<b>Allocation</b>
<b>Single-Tier Municipalities</b>			
Alberton, Township of	\$ 58,792	Chatham-Kent, Municipality of	\$ 6,167,174
Armour, Township of	85,791	Chisholm, Township of	78,328
Armstrong, Township of	70,744	Cobalt, Town of	68,439
Assiginack, Township of	61,461	Cochrane, Town of	322,838
Atikokan, Town of	167,031	Coleman, Township of	36,100
Baldwin, Township of	36,707	Conmee, Township of	49,691
Barrie, City of	8,581,150	Cornwall, City of	2,826,670
Belleville, City of	3,077,065	Dawson, Township of	28,395
Billings, Township of	36,585	Dorion, Township of	19,172
Black River-Matheson, Township of	147,919	Dryden, City of	470,151
Blind River, Town of	210,655	Dubreuilville, Township of	37,192
Bonfield, Township of	120,738	Ear Falls, Township of	60,369
Brant, County of	2,227,104	East Ferris, Municipality of	294,990
Brantford, City of	5,915,323	Elliot Lake, City of	651,683
Brethour, Township of	7,523	Emo, Township of	80,876
Brockville, City of	1,295,114	Englehart, Town of	89,735
Bruce Mines, Town of	35,311	Espanola, Town of	306,275
Burk's Falls, Village of	59,520	Evanturel, Township of	27,242
Burpee and Mills, Township of	20,811	Fauquier-Strickland, Township of	32,520
Callander, Municipality of	234,378	Fort Frances, Town of	469,544
Calvin, Municipality of	31,307	French River, Municipality of	161,510
Carling, Township of	68,257	Gananoque, Separated Town of	313,009
Casey, Township of	22,327	Gauthier, Township of	8,373
Central Manitoulin, Municipality of	126,441	Gillies, Township of	28,759
Chamberlain, Township of	20,143	Gordon/Barrie Island, Municipality of	29,730
Chapleau, Township of	119,161	Gore Bay, Town of	52,603
Chapple, Township of	38,709	Greater Sudbury, City of	9,800,484
Charlton and Dack, Municipality of	41,621	Greenstone, Municipality of	281,278

<b>Municipality</b>	<b>Allocation</b>	<b>Municipality</b>	<b>Allocation</b>
Guelph, City of	\$ 7,996,267	Larder Lake, Township of	\$ 44,291
Haldimand, County of	2,767,150	Latchford, Town of	18,990
Hamilton, City of	32,576,079	London, City of	23,287,428
Harley, Township of	33,431	MacDonald, Meredith & Aberdeen Add'l, Township of	97,622
Harris, Township of	33,066	Machar, Township of	53,513
Hearst, Town of	307,609	Machin, Municipality of	58,913
Hilliard, Township of	12,559	Magnetawan, Municipality of	84,335
Hilton Beach, Village of	10,375	Manitouwadge, Township of	117,523
Hilton, Township of	18,626	Marathon, Town of	198,581
Hornepayne, Township of	59,459	Markstay-Warren, Municipality of	161,146
Hudson, Township of	30,518	Matachewan, Township of	13,651
Huron Shores, Municipality of	100,959	Mattawa, Town of	120,920
Ignace, Township of	72,928	Mattawan, Municipality of	9,768
Iroquois Falls, Town of	275,271	Mattice - Val Côté, Township of	39,316
James, Township of	25,482	McDougall, Municipality of	163,937
Jocelyn, Township of	18,990	McGarry, Township of	36,950
Johnson, Township of	45,565	McKellar, Township of	67,407
Joly, Township of	18,444	McMurrich/Monteith, Township of	49,994
Kapuskasing, Town of	503,096	Moonbeam, Township of	74,688
Kawartha Lakes, City of	4,576,100	Moosonee, Town of	89,856
Kearney, Town of	53,513	Morley, Township of	29,183
Kenora, City of	915,912	Nairn & Hyman, Township of	20,750
Kerns, Township of	21,721	Neebing, Municipality of	124,682
Killarney, Municipality of	23,420	Nipigon, Township of	99,624
Kingston, City of	7,511,130	Nipissing, Township of	103,568
Kirkland Lake, Town of	484,227	Norfolk, County of	3,885,708
La Vallee, Township of	56,911	North Bay, City of	3,127,848
Laird, Township of	63,524	Northeastern Manitoulin and the Islands, Town of	164,544
Lake of the Woods, Township of	13,955	O'Connor, Township of	40,226

<b>Municipality</b>	<b>Allocation</b>	<b>Municipality</b>	<b>Allocation</b>
Oliver-Paipoonge, Municipality of	\$ 359,302	Smooth Rock Falls, Town of	\$ 80,694
Opasatika, Township of	13,712	South Algonquin, Township of	66,497
Orillia, City of	1,890,918	South River, Village of	67,589
Ottawa, City of	56,682,828	Spanish, Town of	43,199
Papineau-Cameron, Township of	61,643	St. Charles, Municipality of	76,993
Parry Sound, Town of	388,789	St. Joseph, Township of	75,234
Pelee, Township of	14,258	St. Marys, Town of	440,785
Pembroke, City of	842,255	St. Thomas, City of	2,360,705
Perry, Township of	148,890	Stratford, City of	1,909,059
Peterborough, City of	4,916,411	Strong, Township of	87,308
Pickle Lake, Township of	23,541	Sundridge, Village of	58,306
Plummer Additional, Township of	40,044	Tarbutt, Township of	32,399
Powassan, Municipality of	209,623	Tehkummah, Township of	26,453
Prescott, Town of	256,159	Temagami, Municipality of	48,659
Prince Edward, County of	1,500,733	Temiskaming Shores, City of	601,871
Prince, Township of	61,279	Terrace Bay, Township of	97,743
Quinte West, City of	2,643,924	The Archipelago, Township of	32,217
Rainy River, Town of	48,963	The North Shore, Township of	30,154
Red Lake, Municipality of	249,182	Thessalon, Town of	78,025
Red Rock, Township of	54,302	Thornloe, Village of	6,795
Ryerson, Township of	39,316	Thunder Bay, City of	6,547,105
Sables-Spanish Rivers, Township of	193,424	Timmins, City of	2,535,381
Sault Ste. Marie, City of	4,451,418	Val Rita-Harty, Township of	46,232
Schreiber, Township of	64,252	Wawa, Municipality of	176,254
Seguin, Township of	261,134	West Nipissing, Municipality of	871,499
Shuniah, Municipality of	169,762	White River, Township of	39,134
Sioux Lookout, Municipality of	319,865	Whitestone, Municipality of	55,576
Sioux Narrows-Nestor Falls, Township of	34,401	Windsor, City of	13,177,332
Smiths Falls, Town of	532,704	<b>Total</b>	<b>\$644,691,987</b>

## Section E: CCBF Projects Active in 2020

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Broadband Connectivity	Barrie, City of	Wi-Fi Installation along the Waterfront	A free public Wi-Fi system is being installed on most of the Waterfront and Downtown BIA. Outdoor coverage will include patio, parks, parts of the waterfront trails, and beach areas. Access to the Wi-Fi service will only require agreement to the terms of service.	\$400,000	\$54,219	Ongoing
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for King, Richmond Hill, and Witchurch-Stouffville	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 13 Regional Facilities and 9 local municipal facilities.	\$3,165,000	\$97,563	Ongoing
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Vaughan	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 17 Regional facilities and 3 local municipal facilities within the City of Vaughan.	\$5,820,000	\$49,136	Ongoing
Broadband Connectivity	York, Regional Municipality of	Queensway/Metro Road North Keswick Fibre Expansion	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for multiple Regional and local municipal facilities within the Town of Georgina.	\$1,427,018	\$42,559	Ongoing

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Stouffville	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for six Regional facilities and one local municipal facility within the Town of Witchurch-Stouffville.	\$1,507,000	\$946,689	Complete
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Schomberg	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 5 Regional facilities and 5 local municipal facilities within Schomberg (Township of King).	\$306,000	\$142,720	Complete
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Markham	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 14 Regional facilities and 40 local municipal facilities within the City of Markham.	\$5,614,000	\$2,638,488	Ongoing
Broadband Connectivity	York, Regional Municipality of	Fibre Network Delivery for Major Mackenzie Drive	This project continues to grow the Region's fibre network to improve the delivery of Regional services (traffic management, infrastructure monitoring and policing) and make online services more readily available to residents. This work is part of the Region's efforts to build a dark fibre network throughout the Region. This project improves broadband connectivity for 12 Regional facilities, 14 local municipal facilities, and two hospitals within the Cities of Vaughan and Richmond Hill.	\$3,720,000	\$1,583,787	Ongoing



<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Capacity Building	Ajax, Town of	Integration of Asset Management Systems	The purpose of this project is to integrate Asset Management with the Town's Computerized Maintenance Management System (CMMS) and Geographical Information Systems (GIS) to enable end-to-end connectivity of systems in order to improve service delivery and support the maintenance and rehabilitation of infrastructure and assets.	\$500,000	\$130,520	Ongoing
Capacity Building	Ajax, Town of	Asset Level of Service Assessment	The scope of this project is to identify the existing levels of service for all infrastructure assets and develop levels of service for all infrastructure assets. The existing and proposed levels of service will be included in the Town's asset management plan as prescribed by the asset management regulation (O. Reg. 588/17).	431117	90594	Ongoing
Capacity Building	Barrie, City of	Infrastructure Data Collection and Update	This project is for the acquisition and capture of information related to the City's infrastructure assets. Information is used for short-term and long-term infrastructure planning and asset management decision-making.	\$250,000	\$43,525	Complete
Capacity Building	Barrie, City of	Energy Audits and Re-commissioning Studies	Re-commissioning uses consultants to review all building HVAC, control systems, and sensors. This ensures all equipment is operating as intended and as building occupancy warrants. The studies are done over three seasons to ensure proper operations in all weather conditions. Energy audits are studies done by consultants to determine where, when, and how energy is being used in a facility. The two studies are used to develop recommendations for projects that can reduce energy use.	\$50,000	\$47,097	Complete
Capacity Building	Barrie, City of	Geographic Information Systems (GIS) Software for Asset data capture	Asset data capture for use in maintenance and asset management decision making.	\$300,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	Barrie, City of	Energy Audits and Re-commissioning Studies	Re-commissioning uses consultants to review all building HVAC, control systems, and sensors. This ensures all equipment is operating as intended and as building occupancy warrants. The studies are done over three seasons to ensure proper operations in all weather conditions. Energy audits are studies done by consultants to determine where, when, and how energy is being used in a facility.	\$75,000	\$0	Complete
Capacity Building	Barrie, City of	Development of Community Energy and Greenhouse Gas Emission Plans	A community-driven planning exercise to develop a community wide greenhouse gas emission and energy reduction plan. This capacity building project will provide a framework for the community to move towards a zero carbon future.	\$180,000	\$34,161	Ongoing
Capacity Building	Barrie, City of	Stormwater Asset Management Plan Update	Update existing Stormwater Asset Management Plans (AMPs) in accordance with Ontario Regulation 588/17: Asset Management Planning for Municipal Infrastructure (made under the Infrastructure For Jobs and Prosperity Act, 2015).  This study will ensure that evidence-based decisions are made for asset rehabilitation/replacement to optimize the life of the assets at the lowest sustainable cost in line with financial resources. Work will result in a standalone, comprehensive AMP.	\$375,000	\$124,769	Ongoing
Capacity Building	Barrie, City of	Pavement Condition Assessment	A complete network level pavement condition assessment, including roads, public pay-and-display parking lots, and a complete pavement management analysis. The project will deliver a fully inspected road network, a fully inspected parking lot portfolio, a functional database of the inspection results, modeling and reporting, as well as pavement management recommendations based on the inspection results.	\$280,396	\$467	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	Barrie, City of	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.	\$192,635	\$0	Complete
Capacity Building	Barrie, City of	Expansion and Integration of Work order System	On-going maintenance and expansion of Cityworks system in alignment with the corporate GIS program, mobility strategy, and integration with other enterprise/business applications systems. The Cityworks technology system is being deployed to the field to reduce paper based work order processes.	\$1,699,000	\$0	Ongoing
Capacity Building	Brampton, City of	Downtown (Queen Street W) Land Use Study for Development Permit System	This project is linked to the City's long term planning as it examines land use in a specific area of our downtown (Queen St. W) and makes recommendations with respect to future land use (e.g. retaining stable neighbourhoods, areas that can redevelop). A Development Permit system will be created to establish the long-term planning vision for the selected areas of intensification to set in place a regulatory framework and approvals process to facilitate the implementation of the vision.	\$85,000	\$0	Ongoing
Capacity Building	Brampton, City of	Storm Water Management Study	This study is required to gain a better understanding of the overall Stormwater system, its current condition, the asset management needs over the next 100 years & the funding alternatives that would achieve a sustainable system. Specific plans will be developed to address flooding, erosion & water quality issues, not only in the Stormwater Management Ponds, but also in the associated watercourses. A comprehensive asset management and renewal program will be developed & implemented.	\$1,350,000	\$122,782	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	Brantford, City of	Condition Assessment of City Roads	Utilizing an external consultant, the City undertook a condition assessment of City roads by type, extent and severity of pavement surface distress and ride comfort in accordance with the Asset Management Strategy in Section 4 of the City's 2017 Asset Management Plan. The results of this assessment will be used to establish cost-effective rehabilitation and replacement strategies to minimize lifecycle costs and for the development of capital plans.	\$100,000	\$63,617	Ongoing
Capacity Building	Bruce, County of	Strategic Asset Management - Roads Assessment	Hire a consultant to conduct an assessment of the condition ratings of the roadways to determine a replacement and life cycle management strategy to enhance our asset management program.	\$168,211	\$129,133	Complete
Capacity Building	Bruce, County of	Development of an Integrated Transportation Mobility Plan	Hire a consultant to produce a report that will provide inter-municipal transportation connectivity options including transit and active transportation and other related options.	\$170,000	\$100,948	Ongoing
Capacity Building	Bruce, County of	Implementation of Corporate Work Order Software	Purchase a work order system to integrate with asset management software that will give us the means to control and track how much time and resources we spend maintaining, operating, and improving our assets, and to determine if we are meeting our service levels to manage our assets. This tracking is critical to maintain/schedule the implementation of our asset management plan and to measure our performance, and will help us ensure quality management and continuous improvement.	\$150,000	\$0	Ongoing
Capacity Building	Bruce, County of	Strategic Asset Management - Facilities Assessment	Utilizing a consultant to gather asset data on the components of all 46 Bruce County facilities to enhance our asset management plan.	\$239,000	\$32,295	Ongoing
Capacity Building	Cambridge, City of	Stormwater Management Funding Plan	A stormwater funding plan allows the city to develop a model to sustainably and equitably fund the stormwater management program. The funding plan reviews the existing funding model, identifies gaps in funding, and provides recommendations on alternative funding methods along with an implementation plan.	\$164,161	\$27,753	Complete

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Capacity Building	Cambridge, City of	Asset Life Cycle Planning Tool Expansion	Expansion of the Inframodex tool to extend life-cycle planning to all other asset groups (i.e., parks, trails, trees, walkways, fleet, play structures, etc.). This tool has been successfully implemented for water/sanitary/drainage/road infrastructure and is now a part of the capital planning process. Extending this tool to other asset classes provides a consistent process and reporting methodology.	\$70,000	\$0	Complete
Capacity Building	Clarence-Rockland, City of	Geotechnical Analysis of Local Roads for Improved Asset Management Decision-Making	The City is assessing the condition of both the road surface and the underlying road base. Information will be fed in to the City's asset management system to help prioritize investments in local roads over the next few years.	\$120,000	\$11,957	Ongoing
Capacity Building	Clarence-Rockland, City of	One-Way Street Study on Notre-Dame and Alma Streets	The City is conducting a study to evaluate the existing conditions of Notre-Dame St and Alma St (along with other surrounding streets). The study will also consider all possibilities to convert these two streets into one-way streets, and the impacts that the conversion will have on Notre-Dame St, Alma St, and the surrounding streets. This study is required to better preserve the existing condition of these streets.	\$18,403	\$18,403	Complete
Capacity Building	Dorion, Township of	Official Plan & Zoning By-law Review/Replacement	The scope of this project is to update planning policies and regulations of the Township to be consistent with the Provincial Policy Statement, conform to the Growth Plan for Northern Ontario, and to address matters of provincial interest, initiatives and legislation. The updated Official Plan and Comprehensive Zoning By-law will replace the current versions and will be used to guide future growth, land use and development within the Township of Dorion.	\$48,845	\$27,317	Ongoing
Capacity Building	Drummond/North Elmsley, Township of	Asset Management Plan Update	To update and improve the current asset management plan to comply with O. Reg. 588/17. This includes updates and improvements to capital investment plans, integrated community sustainability plans, life-cycle cost assessments, level of service assessments, the roads-needs study, and the asset management plan itself.	\$101,760	\$7,733	Ongoing

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Capacity Building	Grey, County of	Building Condition Assessments	The County is conducting building condition assessments on County owned facilities. These assessments document current conditions and assess the remaining useful life of each facility. Assessments include an inventory of all major mechanical and electrical components, recommendations for capital repair/replacement projects with preliminary cost estimates, a detailed log of photographs supporting the findings and recommendations, and an awareness of energy performance/consumption.	\$50,054	\$50,054	Ongoing
Capacity Building	Grey, County of	Development of Corporate Asset Management Plans and Long Term Financial Plans	This is a continuation of engaging professional services to assist with the development of comprehensive corporate asset management policies, strategies, and governance structures. This will help support our long-term municipal planning and asset management.	\$171,744	\$160,900	Complete
Capacity Building	Guelph, City of	Downtown Infrastructure Revitalization	This project is to develop a strategy for replacement of core infrastructure within the downtown core based on Asset management principles. Due to the scale of work and the level of impact on residents and businesses, development of not only the plan but also the capacity and information required to ensure a successful construction project is critical.	\$370,000	\$1,462	Ongoing
Capacity Building	Guelph, City of	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.	\$450,000	\$29,318	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	Guelph/Eramosa, Township of	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.	\$120,000	\$38,710	Complete
Capacity Building	Halton Hills, Town of	Development of a Stormwater Facility Rehabilitation Assessment Plan	<p>Develop a plan to assist with the assessment of sediment storage and associated infrastructure of stormwater facilities to assign priorities for removal of sediment or assess impacts of additional capacity on existing stormwater facilities.</p> <p>A comprehensive plan for stormwater facilities will result in financial savings, and lowered environmental impacts associated with the storage of stormwater.</p>	\$300,000	\$0	Ongoing
Capacity Building	Hamilton, City of	State of Infrastructure- Asset Management	For the ongoing condition assessment, needs analysis and capital prioritization and reporting of right of way assets necessary to maintain such reports as the State of the Infrastructure, Service Level Delivery, etc. This is to include the ongoing development and monitoring of the Provincially required Asset Management Plan.	\$435,000	\$277,494	Complete
Capacity Building	Head, Clara & Maria, United Townships of	Review and Update of Asset Management Plan	An organizational review including the Asset Management Plan review was done by a Consultant which provided recommendations on how to update our asset management plan in order to be proactive in managing municipal infrastructure. The updates to the Asset Management Plan will tie into the Council Term Plan and Operational work plan of the municipality.	\$22,751	\$0	Ongoing
Capacity Building	Hornepayne, Township of	Asset Management Policy Update	Implementation of a Strategic Asset Management Policy and Asset Management Policy Update to the current Asset Management Plan. This involves current levels of service and proposed levels of service, as well as all municipal assets.	\$66,643	\$0	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	Huron, County of	Integration of Geographic Information System (GIS) with Asset Management	Implementation, configuration and migration of asset datasets into GIS technology, hardware and integration with other systems. Includes efforts to assemble information related to condition and valuation.	\$80,000	\$0	Ongoing
Capacity Building	Huron, County of	Huron County's Asset Management System	Implementation, configuration, and training of asset and workorder systems to support asset management.	\$80,000	\$0	Ongoing
Capacity Building	Ignace, Township of	Asset Management Roadmap Charter	Work involves assessment of our asset management program, development of a corporate asset management policy, provision of asset management training to staff (life cycle modelling, risk modeling, condition protocols, etc.), and other activities necessary to assess the condition of assets and ensure effective management of the Township's assets in the future.	\$248,130	\$0	Complete
Capacity Building	Kitchener, City of	Inspection of Road and Pavement Infrastructure	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.	\$376,180	\$114,955	Ongoing
Capacity Building	Larder Lake, Township of	Larder Lake Perpetual Asset Management Implementation Project	Advancement of our Municipal Asset Management Program to develop an asset management policy including levels of service, development of standard operating procedures, public communication regarding asset management and conditioning of assets.	\$3,000	\$0	Complete
Capacity Building	Lincoln, Town of	Asset Management Capacity Building	This project is to equip Town of Lincoln staff with the skills needed to complete and update Asset Management Plans including long-term Capital and Financial Planning. It includes a review and update of asset data.	\$150,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	Mattawa, Town of	Asset Management Plan Update	This project promotes sustainable service levels for ratepayers, while maintaining a fiscally responsible level of budgetary use and debt structure. The updated AMP and its associated documents continues to ensure infrastructure dollars are spent with maximum effect and cost benefit in order to: protect public health and safety; identify and achieve appropriate levels of service; and extend life cycle of existing municipal infrastructure assets.	\$120,000	\$0	Ongoing
Capacity Building	Mississauga, City of	Development of a Transit Five Year Service Plan	MiWay Five 2021-2025 is a service plan that will guide the refinement and expansion of the City's transit network over five years from 2021 to 2025. Its main goal is to continue growing the system and improving connectivity to deliver a transit service that will be fast, efficient, attractive and easy to use. We're planning to make MiWay appeal to more people as a great way to get around the city.	\$400,000	\$276,447	Ongoing
Capacity Building	Mississauga, City of	Asset Management Plan Development and Implementation	The project supports a consistent corporate-wide approach to asset management to effectively manage existing and new infrastructure. This maximizes benefits, reduces risk, and supports the community with appropriate levels of service while ensuring sustainability and financial stability. This project implements a fully integrated asset management software system that is able to integrate information from various asset management systems throughout the City departments.	\$170,000	\$0	Ongoing
Capacity Building	New Tecumseth, Town of	Implementation of an Asset Management and Work Order System	This project is to implement a Work Order System with Integration to an Asset Management System. This will provide a significant input towards asset management as it performs the scheduling and recording of maintenance and condition assessment updates. The provision of more current asset financial information for decision making will enable the Municipality to make informed decisions regarding the life cycle changes and replacement requirements.	\$345,000	\$140,269	Complete

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Capacity Building	Niagara Falls, City of	Sanitary Network Condition Assessment	Complete CCTV inspection program of City wide existing sanitary and combined sewer system. This includes review and assessment of all CCTV inspection results to provide recommendations to drive future 'State of Good Repair" and wet weather flow reduction sewer projects.	\$2,600,000	\$1,333,283	Ongoing
Capacity Building	Niagara Falls, City of	Water Distribution System Master Servicing Plan	Completion of a city wide assessment of the municipal drinking water distribution network from a Level of Service, Operational and Condition standpoint. Recommendations provided for a multi-year capital works program to achieve desired service levels. Provision of an up to date and calibrated computer model of the water distribution network.	\$200,000	\$144,342	Ongoing
Capacity Building	O'Connor, Township of	Review & Update of Official Plan and Zoning By-Law	Review & Update of the Township's Official Plan and Zoning By-Law by a Consultant.	\$22,174	\$0	Ongoing
Capacity Building	Oshawa, City of	Asset Management Training for City Staff	Access to NAMS+ tools and online resources allows staff to develop, write and keep the City's asset management plans up to date. Training also promotes greater awareness of asset management principles and improves the ability of staff to manage assets effectively over the long term.	\$2,100	\$2,100	Complete
Capacity Building	Oshawa, City of	Building Condition Audits	Consulting services to conduct building condition audits of the City's vertical assets to assess their condition, and create a maintenance life-cycle schedule for the next 25 years based on Building Owners Management Association (BOMA) standards and the City's VFA asset management software.	\$572,173	\$202,468	Ongoing
Capacity Building	Oshawa, City of	Workforce Management Software Implementation	Implementation of Workforce Management software with work order and asset management functionality and provision of systems infrastructure needed to take advantage of mobile/remote technologies to improve customer service and the efficiency of various business units within the City.	\$3,327,461	\$1,017,465	Ongoing

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Capacity Building	Peel, Region of	Accessible Transportation Master Plan Implementation/Studies	To enhance the TransHelp program and to ensure the Region of Peel is AODA compliant with a sustainable model of service delivery for Peel residents. The focus is on the creation and implementation of the AT Master Plan with a newly designed self-service website for users and caregivers with an on-line para-transit application; online portal to book rides and access accounts; Interactive Voice Response Systems; and enhancements to the Trapeze scheduler.	\$4,480,000	\$0	Ongoing
Capacity Building	Pickering, City of	Development of a Storm Water Facilities Asset Management Plan	The Storm Water Facilities Asset Management Plan will provide effective storm water management and involves (1) A review and update of the City's storm water asset inventory, (2) Lifecycle analysis and replacement cost assessment, (3) Evaluation of criticality of system assets, (4) Defining existing levels of service, and comparison against industry best practice, (5) Preparing a Capital Improvement/Implementation Plan, and (6) Determining funding requirements.	\$212,488	\$31,267	Complete
Capacity Building	Pickering, City of	Asset Management Planning	Project involves consulting services for the development of a Road Map in Year 1, to be completed in Year 2 followed by the 2017 AMP Report which will include full risk assessment, life cycle intervention models, deterioration curves, optimized budget development and a defined level of service framework and, staff workshops. Data work: facilities infrastructure, storm sewer facilities, road inventory, sidewalks, streetlights asset classes allocation. Also, O.Reg 533/17 July 1, 2021 requirements.	\$440,000	\$57,240	Ongoing
Capacity Building	Richmond Hill, City of	Implementation of an Enterprise Asset Management System	The Project is to deliver an Enterprise Asset Management (EAM) system to support Asset Management Planning. The EAM system incorporates asset, lifecycle, risk and level of service data to assist in the development of capital investment strategies. The system will assist in determining the optimal level of asset investments and inform how investments will impact on current and future State of the Infrastructure.	\$500,000	\$19,670	Ongoing

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Capacity Building	Richmond Hill, City of	Facility Life Cycle Assessment	The project is to perform facility condition assessment and asset lifecycle validation surveys for 21 City of Richmond Hill facilities including recreation, park facilities, library, heritage and pumping stations. The project is necessary in order to inform the City's update to Asset Management Plan on facility assets.	\$43,191	\$43,191	Ongoing
Capacity Building	Richmond Hill, City of	Development of an Asset Management Policy, Strategy and Governance Structure	Development of an Asset Management Policy, Strategy and Governance Structure to grow Richmond Hill's capacity and maturity for Asset Management Planning.	\$596,581	\$191,295	Ongoing
Capacity Building	Richmond Hill, City of	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.	\$15,030,400	\$0	Complete
Capacity Building	Richmond Hill, City of	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	\$193,588	\$0	Complete
Capacity Building	Springwater, Township of	Purchase and Implementation of Asset Management Software	Purchase and implementation of new asset management software and work order system. Asset inventories and conditions are currently housed in various databases within different departments. This software will bring data into a central database, help generate risk ratings and identify levels of service, enhance asset management decision-making, reduce asset lifecycle costs, and facilitate compliance with requirements set out in O. Reg. 588/17.	\$159,788	\$56,184	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	St. Catharines, City of	Development of a Transportation Master Plan	The Transportation Master Plan (TMP) helps guide and plan investment in transportation infrastructure for the next 25 years. As such, the TMP reviews all aspects of the transportation system to integrate sidewalks, pathways and roadways into one cohesive transportation system. This helps ensure that opportunities for cyclists, pedestrians and public transit users are included in the review of existing and potential new roadways and active transportation corridors.	\$400,000	\$9,252	Ongoing
Capacity Building	The Blue Mountains, Town of	Review of the Sustainable Path (The Town's Community Sustainability Plan)	The project identifies the need to review the 2009 Sustainable Path. The review of the Plan is required to measure the previous plan's strategic goals and inventory the actions taken over the past ten years. Staff recommends that the Plan be equipped with strong strategic direction with clear and measurable action items and potential costs to be incurred. It is recommended that the Plan also outline a series of action plans that would be required to allow the updated plan to be effective.	\$100,000	\$11,998	Ongoing
Capacity Building	The Blue Mountains, Town of	Development of a Corporate Energy Plan	To comply with O. Reg. 397/11 that requires municipalities to track energy use annually and update an energy plan every 5 years. This plan will focus on water and wastewater infrastructure - but will include the entire corporation - and will identify energy goals and money saving initiatives.	\$51,000	\$4,772	Ongoing
Capacity Building	Thunder Bay, City of	Asset Management Roadmap	In-depth asset management maturity assessment and customized roadmap in alignment with climatic, social, economic and environmental sustainability goals as well as an Asset Management systems analysis. Prepare draft asset management policy, strategy and governance framework. Implement Asset Management Regulation O. 588/17 including inventory analysis, lifecycle costing, risk modeling, levels of service and financial strategy.	\$240,146	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	Vaughan, City of	Capital Asset Management (CAM) Strategy Update and Roadmap	This project involves updating, refining and expanding the Corporate Asset Management Strategy that originated with the Vaughan Vision 2020 Strategic Plan in 2012, and the 2013 Corporate Asset Management Strategy and Roadmap (Phase 1), in order to align with Ontario Regulation 588/17.	\$355,350	\$0	Ongoing
Capacity Building	Vaughan, City of	Energy Audit of Municipal Buildings Throughout the City	Energy audits are being conducted at fire stations, community centres, libraries and other municipal facilities across the City.	\$167,700	\$38,364	Ongoing
Capacity Building	Vaughan, City of	Traffic Data Collection Inventory	Implementation of map-based systems for linear infrastructure that will improve the accuracy of asset records and efficiency of asset information retrieval and review.	\$329,600	\$0	Ongoing
Capacity Building	Vaughan, City of	Building Condition Audits	This audit provides the necessary information about the existing condition of the city's buildings for the City to plan, prioritize and budget for future renovation/improvement work. With this study, preventive maintenance can be scheduled more effectively to reduce service disturbance to the public.	\$330,000	\$3,765	Complete
Capacity Building	Vaughan, City of	Energy Conservation Program	Involves facilitating energy conservation by identifying and implementing various options for saving energy. Leading awareness programs/monitoring energy consumption/Data Collection & ECM Listings/Energy Audits/Energy Master Plan & Quarterly Reports. (PL-9557-16)	\$100,000	\$0	Complete
Capacity Building	Vaughan, City of	Development of a Corporate Asset Management Plan	To develop a Corporate Asset Management Policy and Plan including implementation of an AM Planning software system, Work Order Management System, and gathering data on the City's inventory including condition and operational maintenance schedules.	\$3,044,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	Waterloo, City of	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.	\$2,044,524	\$99,067	Complete
Capacity Building	Wellington, County of	Asset Management Software Implementation	The County of Wellington and the seven member municipalities have agreed to implement the same asset management software to coordinate efforts and find service efficiencies for our residents. The County intends to purchase and implement both the Asset Management and Work Order modules and intends to make use of mobile applications through this software. The main objective of this investment is to improve efficiency and reduce paper records.	\$350,000	\$261,307	Ongoing
Capacity Building	Wilmot, Township of	Development of a Stormwater Infrastructure Master Plan	This project considers a Master Planning process for the Stormwater network, including conveyance and treatment. It would seek to identify operations and maintenance needs, capital planning and operational and budgetary resources required to ensure the stormwater network is operated and maintained to an environmental standard, and to meet expectations in a growing community.	\$140,000	\$35,000	Ongoing
Capacity Building	Windsor, City of	Information (Hansen) Infrastructure Management System	The Information Hansen system is used by Public Works and corporately for infrastructure asset management and work order management to track and record infrastructure assets, work order repair histories, inspections, condition ratings and repairs performed. The system is used to manage the road network assets, sewer and drainage networks, bridges, sidewalks, railway grade crossings and private drain connections. The system is also used by Parks Forestry to manage the tree inventory.	\$225,000	\$11,300	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Capacity Building	Windsor, City of	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.	\$110,000	\$110,000	Complete
Capacity Building	Woolwich, Township of	Asset Management Plan Update and Enhancement	A Consultant is being 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 is being 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.	\$127,623	\$13,356	Complete
Capacity Building	York, Regional Municipality of	Expansion and Upgrade of Transportation/Asset Management System	Expansion and upgrade of various intelligent transportation systems to support growth, asset management, improve productivity and customer service. Funds are being used to implement and support construction management systems and asset management systems for roads and fleet. Funding is also being used to implement data warehouse functions to build dashboards and reports that support asset management and department operational teams.	\$2,231,000	\$662,782	Complete
Capacity Building	York, Regional Municipality of	Planning of Rapidway Facilities and Terminals	This project supports the Bus Rapidways Transit System in York Region. Work includes development of an integrated Park 'n' Ride strategy and planning transit stations for YRT-Viva Region-wide, incorporating updated directions from the Transportation Master Plan.	\$3,052,640	\$23,919	Ongoing
Community Energy Systems	Ajax, Town of	McLean Community Centre - Pool Filtration System and Pump Replacement	The scope of work includes the removal and replacement of the McLean Community Centre pool filtration system and pumps. The existing system has reached the end of its useful life and is being replaced with new higher efficiency components such as variable frequency drive pumps and automation control that will reduce energy consumption and reduce GHG emissions.	\$650,000	\$50,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	Ajax, Town of	McLean Community Centre - Replacement of Five Rooftop Condensers	The scope of work includes the removal and replacement of five rooftop condensing units with new condensers and new refrigerant. These rooftop units require replacement due to their condition and age as well as the phase out of R22 refrigerant. The units will be replaced with five new higher efficiency condensing units that will provide a reduction in energy consumption as well as a reduction in GHG emissions.	\$370,555	\$20,556	Ongoing
Community Energy Systems	Ajax, Town of	Ajax Community Centre Boiler Replacement and Energy Improvements	The proposed scope of work includes the replacement of seven hot water and heating boilers throughout the Ajax Community Centre. These existing boilers have an operating efficiency in the range of 65 -70% and have reached the end of their useful life. These will be replaced with high efficiency condensing boilers that will improve the heating and domestic hot water efficiency. This retrofit is expected to result in a reduction of GHG emissions.	\$600,000	\$25,650	Ongoing
Community Energy Systems	Ajax, Town of	Neighbourhood Streetlight Improvements	This project includes the removal and replacement of existing high pressure sodium street lighting with new poles, mast arms and LED luminaires in various locations within the Town of Ajax, including on Strathy Rd., Burrells Rd. and Lambard Cres resulting in an estimated energy consumption reduction of 45%.	\$510,000	\$101,709	Ongoing
Community Energy Systems	Ajax, Town of	Southwood Park Neighbourhood Streetlight Improvements	The project scope involves the removal of the existing high pressure sodium streetlight system including wire, poles and lights. The new streetlight system includes new buried conduit, wires, concrete poles and LED lights.	\$850,000	\$257,244	Ongoing
Community Energy Systems	Ajax, Town of	Ajax Library Main Branch - Building Improvements	The scope of work is the design and rehabilitation of the building envelope to Main Library Branch. Work includes removal and replacement of the entire roofing assembly, Exterior Insulating Finishing System (EIFS) cladding, exterior tile cladding, skylight replacement and curtain wall, block cladding and miscellaneous structural repairs.	\$1,848,667	\$1,370,736	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	Ajax, Town of	ACC - Replacement of Air Handling Units	<p>There are seven air handling units located in the mechanical penthouse were installed during the major expansion in 1990. The units provide heating, ventilation and air conditioning to various areas of the facility.</p> <p>The detailed design is underway and the project will include replacement of the seven units with new high efficiency units which will result in improved heating, cooling and ventilation efficiency.</p>	\$517,808	\$0	Ongoing
Community Energy Systems	Ajax, Town of	Conversion to LED Streetlights	This project involves the conversion of 2,483 High Pressure Sodium (HPS) streetlights to LED technology. The expected energy savings from the 2019 conversion is 1,073,700 kWh.	\$686,573	\$8,219	Complete
Community Energy Systems	Ajax, Town of	Walkway Lighting Infrastructure Improvements	This project involves conversion of pathway lighting infrastructure to LED technologies (including pole replacements, new wiring, and new luminaires). The goal is to achieve improved lighting quality and consistency on Town pathways as well as energy savings.	\$306,864	\$19,220	Ongoing
Community Energy Systems	Ajax, Town of	LED lighting upgrades/retrofits – various locations	Design and installation of new LED lights involving street lights on Mills Road from Station Street to Hunt Street, Main Branch library lighting, and parking lot lights at McLean Community Centre.	\$591,895	\$0	Complete
Community Energy Systems	Ajax, Town of	Energy Efficient Systems for LEED Certification of Ajax Fire and Emergency Services HQ	This facility has been designed as a Canada Green Council LEED certified building. LEED initiatives at this facility include - green roof, connection of underground cisterns, ground source heat pump, underfloor ventilation, and high efficiency lighting & control system. This facility is projected to use 50% of the energy when compared to a conventional building of this type and size.	\$13,820,000	\$0	Complete
Community Energy Systems	Barrie, City of	Lighting Retrofits 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. Retrofits reduced energy consumption by 744,524 ekWh annually and generated an annual cost avoidance of \$43,805.	\$161,871	\$103,227	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	Barrie, City of	Energy Efficiency & Conservation Initiatives at Multiple Facilities	This project is for the retrofit of T8 fluorescent lighting with LED technology to reduce energy consumption. In total 1,669 fixtures and 4,047 T8 fluorescent bulbs were retrofitted to LED technology.	\$300,000	\$0	Complete
Community Energy Systems	Belleville, City of	LED Lighting Retrofit - Library first floor	Light fixtures at the Library are original fixtures from the construction of the facility. Replacement fixtures will provide for both energy efficiencies and the reduction of labour and material to complete repairs to existing fixtures.	\$250,000	\$0	Ongoing
Community Energy Systems	Brampton, City of	Streetlighting LED Retrofit	Retrofitting of aging High Pressure Sodium (HPS) street lights with Light Emitting Diode (LED) street lights. The project is focused on replacement of our cobra style luminaries. This will reduce the City's energy consumption, maintenance costs and green house gas emissions.	\$3,000,000	\$74,356	Complete
Community Energy Systems	Brantford, City of	Streetlight Upgrade and LED Conversion	Conversion of 4,500 units of 250 watt high pressure sodium streetlights to LED over a six year period. These represent approximately 30% of the City's inventory, but consume about 50% of the energy. The City anticipates conversion of 500 streetlights per year and an annual energy savings of \$50,000 and possible maintenance savings for longer life LED components.	\$990,000	\$376,310	Ongoing
Community Energy Systems	Brantford, City of	Ashgrove Streetlight Conversion	To resolve extensive infrastructure failures in the Ashgrove Area of the City, this L.E.D. upgrade project will implement a multi-year replacement program to replace 100w streetlight fixtures and poles with LED fixtures on new poles and to replace the entire underground infrastructure (ducts, cables, junction boxes, grounds, pedestal power supply, pole breakers, etc. A total of 282 fixtures and poles will be converted to L.E.D.	\$1,174,000	\$0	Complete

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Community Energy Systems	Brockville, City of	Replacement/Refurbishment of City Hall (Victoria Hall) windows	Victoria Hall which houses the City Hall is a designated Heritage building and the recommendation to restore the windows came from an energy audit, to provide energy efficiencies and save money on heating and cooling of the building. A Consultant has been retained to ensure that the window retrofits are in accordance with the requirements of the Ontario Heritage Trust.	\$356,263	\$0	Ongoing
Community Energy Systems	Brockville, City of	Brockville Memorial Centre - Solar Roof project	<p>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.</p> <p>The carbon offset from this system would be approximately 223 metric tons per year or the equivalent of planting 6,000 trees per year.</p>	\$1,475,876	\$68,673	Complete
Community Energy Systems	Bruce, County of	Installation of Electric Vehicle Charging Stations	Constructing electric vehicle charging stations in Wiarton and Southampton to provide charging for local residents and for tourists.	\$30,000	\$871	Ongoing
Community Energy Systems	Cambridge, City of	Energy Retrofits at Galt Arena & Dolson Pool	Work involves replacement of lighting throughout (except over ice), installation of low flow fixtures and toilets, and replacement of the furnace at Galt Arena. Work also involves relamping Dolson Pool and LED lighting installation in the pool area, change rooms and common areas (including lighting controls).	\$381,000	\$121,870	Ongoing
Community Energy Systems	Cambridge, City of	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.	\$502,557	\$0	Complete
Community Energy Systems	Cambridge, City of	Boiler Replacement - Library (Queen Sq)	The boiler was installed in 1995 and has a 20 year life span. The boiler should be replaced as it is older than its expected life span (23 years old). This project was identified in the 2014 energy audit. Energy savings and GHG reductions will be achieved.	\$249,000	\$3,316	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	Clarington, Municipality of	Community Facilities Energy Systems Upgrades	<p>In Rickard Recreation Complex - Supply and installation of two air curtains to keep warm air in and cold air out when doors are opened to improve heating efficiency.</p> <p>In South Courtice Arena - upgrade and replacement of heat pumps to service many areas of the facility for heating and air conditioning parameters.</p> <p>In Courtice Community Centre - Replacement of insulation, hot water equipment and components, and a skylight panel to improve heating and air conditioning efficiencies.</p>	\$721,000	\$36,385	Ongoing
Community Energy Systems	Collingwood, Town of	LED Retrofit of Pool Perimeter Lights at the Centennial Aquatic Center	Replace perimeter metal halide light fixtures with LED fixtures. LED technology has drastically improved over the last ten years and it makes sense to pick the low bearing fruit when it comes to energy savings. The existing metal halide fixtures are being replaced with LED units that are expected to yield a return on investment in one year.	\$7,545	\$7,545	Complete
Community Energy Systems	Collingwood, Town of	LED Retrofit of Ice Surface Lights at the Eddie Bush Arena	LED technology has drastically improved over the last ten years and it makes sense to pick the low bearing fruit when it comes to energy savings. The existing metal halide fixtures are being replaced with LED units that are expected to yield a return on investment in one year.	\$17,859	\$9,239	Complete
Community Energy Systems	Durham, Regional Municipality of	Energy Efficiency Retrofits for Durham Region Local Housing Buildings	This project enhances the building envelopes of two residential properties providing housing to 270 low income seniors under the Durham Regional Local Housing Corporation portfolio. These enhancements will reduce energy consumption, reduce GHG emissions and improve tenant comfort. The projects include comprehensive over-cladding at 155 King and window replacement and installation of a Building Automation System at 315 Colborne. The re-cladding at 155 King will augment the energy retrofits.	\$5,400,000	\$31,500	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	Ear Falls, Township of	LED Lighting Upgrade at Recreation Centre	This project included the replacement of all lighting fixtures in the Recreation Centre with LED lights. The project was completed with the support of LAS's Facility Lighting Service Program	\$74,000	\$66,304	Complete
Community Energy Systems	Halton Hills, Town of	Corporate Energy Conservation Plan Implementation	Implement the Corporate Energy Plan by improving the energy efficiency of Town facilities. Infrastructure includes insulated garage doors for the fire hall, air curtain for the PW Ops center main door, solar shade in meeting rooms, and energy monitoring equipment, as well as energy optimization for the arena chillers.	\$75,000	\$2,190	Complete
Community Energy Systems	Halton Hills, Town of	Streetlight Pole & Luminaires Replacement	<p>The scope of this project is the installation of new LED luminaires as well as the replacement of existing streetlight poles along Acton Blvd.</p> <p>The project addresses the risk to the public from faulty poles and reduces energy consumption due to the use of LED technology for the new luminaires.</p>	\$330,000	\$146,268	Complete
Community Energy Systems	Halton Hills, Town of	Longfield Subdivision Streetlight Replacement	This project involves the replacement of streetlight infrastructure that has exceeded its life cycle. The project involves the replacement of streetlights within the Longfield Subdivision in Acton to ensure that the streetlight infrastructure is in a good state of repair, as well as utilize energy saving LED technology. The streetlight replacement will increase public safety, as well as reduce energy consumption by approximately 65%.	\$375,000	\$100,000	Complete
Community Energy Systems	Halton, Region of	LED Streetlight Replacement	Conversion of existing streetlights to LED streetlights resulting in savings, reduced maintenance and reduced carbon footprint	\$2,900,000	\$646,363	Ongoing
Community Energy Systems	Hamilton, City of	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%.	\$8,253,755	\$0	Complete

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Community Energy Systems	Hearst, Town of	Public Works Garage Roof Replacement	The Public Works Equipment Garage was constructed in 1990, where building code requirements for commercial building insulation lacked compared to current standards. Heat loss was visible with ice buildup on the roof. A reroofing with an additional R40 insulating properties has greatly reduced heat loss, reduced energy consumption by 12% and eliminated roof ice formation.	\$259,948	\$246,174	Complete
Community Energy Systems	Hilton Beach, Village of	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.	\$109,275	\$0	Complete
Community Energy Systems	Iroquois Falls, Town of	Street Light Upgrade	The project consists of a street lighting system upgrade to LED fixtures. This upgrade is anticipated to reduce street lighting energy consumption by 35%.	\$1,020,972	\$63,294	Complete
Community Energy Systems	Kitchener, City of	91 Moore - Sustainable Building Improvements	Replace building exterior components to improve energy use.  In advance of the purchase of 91 Moore Ave, a Building Condition Assessment (BCA) was completed to understand the asset conditions & long-term maintenance needs. Recommendations for improvement were provided in a detailed report. The significant body of work required to improve the energy performance of the building envelope include a number of cladding system repairs, replacement of original windows and two sloped roof sections.	\$3,098,000	\$21,250	Ongoing
Community Energy Systems	Larder Lake, Township of	Energy Efficient Compressor Installation at the Emergency Service Building	The Township replaced an old air compressor at the Emergency Services Building with a new energy efficient compressor. The old compressor would fill 2 SCBA bottles in 25 min; the new one will fill two bottles simultaneously in 12 min. The new compressor also has a smaller, energy-efficient motor.	\$37,893	\$37,893	Complete



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Community Energy Systems	Leamington, Municipality of	LED Streetlight Conversion	The conversion to LED bulbs in our street lights allows for a longer useful life and large savings in energy consumption. LED lights contain no toxic chemicals and are 100% recyclable, allowing us to reduce our carbon footprint. LED lights brighten up immediately and when powered on, which has great advantages for infrastructure projects such as streetlights.	\$1,300,000	\$0	Ongoing
Community Energy Systems	London, City of	Energy-Efficiency Improvements in Various City Facilities	To mitigate the effects of rising utility costs and to reduce resource consumption through strategic efficiency upgrades to various City of London facilities. Uses of the fund include: energy audits and conditions studies for plan development and success tracking, supplementation of lifecycle renewal projects to include premium efficiency equipment and completion of standalone efficiencies projects. Replace existing lighting fixtures with new energy LED fixtures at AJ Tyler Operations Centre.	\$1,000,000	\$190,955	Ongoing
Community Energy Systems	London, City of	Organic Rankine Cycle (ORC) - Greenway Pollution Control Plant	Install an Organic Rankine Cycle (ORC) system at Greenway Pollution Control Plant. Annually, 17,000 dry tonnes of biosolids are incinerated at the plant, producing heat for the buildings. The ORC system will convert that heat to electricity. It is projected to produce 475 kW of electricity, saving the City \$600,000 per year in electricity costs. This process is expected to displace 3.75 GWh of electrical consumption from Ontario's power grid, equivalent to 475 residential homes in London.	\$11,000,000	\$3,753,980	Ongoing
Community Energy Systems	London, City of	Facility Energy Management in various City Locations	Reduce energy consumption at various recreation facilities by replacing existing fixtures with new energy efficient LED fixtures saving approximately 1,000-3,000 kWh at each facility. Also replace existing metal halide fixtures and interior fluorescent fixtures with new energy efficient fixtures at the AJ Tyler operations garage bay and main building saving 21,000 kWh.	\$4,036,516	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	Markham, City of	HVAC Replacement at the Markham Flato Theatre	Replacement of the HVAC equipment and Building Automation System at the Markham Flato Theatre. The new system is being connected to Unionville High School/Markham District Energy to distribute heating, cooling, and fresh air into the theatre, saving a lot more energy than the original 37 year old system.	\$2,192,000	\$4,893	Ongoing
Community Energy Systems	Markham, City of	Replacement of Floodlights, Poles & Cross Arms at Armadale, Bishops Cross and Highgate Parks	Floodlights, poles and cross arms at three parks due for replacement based on condition assessment and to avoid untimely outages. This project includes the repair, removal and disposal of existing poles and floodlights, and supply and installation of new poles, cross arms and floodlights. . The floodlights, poles and cross arms are being replaced with more efficient halogen and environmentally friendly bulbs.	\$891,163	\$697,985	Ongoing
Community Energy Systems	Mississauga, City of	Replacement of Existing Lighting with Energy-Efficient Lighting Fixtures at City Hall	Replacement of existing lighting with energy-efficient lighting fixtures at City Hall on levels G, P1, P2 and public corridors.	\$710,000	\$507,403	Ongoing
Community Energy Systems	Mississauga, City of	Retrofit and Refurbishment of Air Handling Units at Mississauga Civic Centre	This project will improve the energy efficiency of the overall building. Work involves retrofitting 10 Air Handling Units (AHUs) and replacing 1 AHU. These AHUs are original to the building, are over 30 years old and contain deteriorated components that result in additional energy loss (e.g., corroded pans, sections leaking conditioned air, and damaged heating/cooling coils). Replacement AHUs use more up-to-date technology and are generally more energy-efficient.	\$1,696,000	\$24,921	Ongoing
Community Energy Systems	Mississauga, City of	Roof replacement at City Hall	The existing roof system was replaced with roof assembly systems that had a better Insulation R value. Insulation R values were increased from R15 (existing) to a range varying between R20-R35. This helps to improve the overall thermal performance of the building.	\$5,760,000	\$780,729	Ongoing

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Community Energy Systems	Mississauga, City of	Replacement and Rehabilitation of Streetlighting	The City is installing new LED light standards, rehabilitating hydro infrastructure, relocating light poles, and replacing post tops. Pole replacement is on Dundas St E from Franze Drive to Camilla Road. Post tops are being rebuilt on Orlando Drive and Viscount Road. Streetlighting is being rebuilt on the Creditwoodlands and Flannigan Crescent. Pedestrian crossing streetlights are being installed at 2014 Homelands Drive and numerous other locations.	\$963,790	\$0	Ongoing
Community Energy Systems	Mississauga, City of	Lighting Renewal and Upgrades at Various Facilities	This project involves the replacement of lighting at the front exterior entrance of the Paramount Fine Foods Centre as well as lighting upgrades inside the facility. Lighting is also being upgraded at the Iceland and Meadowvale 4 Rinks arenas and the Living Arts Centre. These upgrades and retrofits reduce energy consumption and costs over the life time of the systems.	\$1,968,750	\$1,097,373	Ongoing
Community Energy Systems	Mississauga, City of	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.	\$2,459,911	\$0	Complete
Community Energy Systems	Mississauga, City of	Citywide LED Retrofit of Streetlights	A citywide project to replace all current city street lighting infrastructure with LED technology. Approximately 49,000 lights are being replaced.	\$30,450,000	\$0	Ongoing
Community Energy Systems	Niagara Falls, City of	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.	\$791,819	\$0	Complete
Community Energy Systems	Oakville, Town of	LED Streetlighting Conversion	To convert roadway lighting fixtures from High Pressure Sodium to energy-efficient LED fixtures. Approximately 510 fixtures were completed, including modifications to existing and purchasing of new fixtures primarily in Downtown Oakville.	\$492,673	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	Oakville, Town of	Streetlights Rehabilitation & LED Conversion	Completion of an infrastructure assessment and installation of new lighting in unlit/in-filling areas and replacement/repair of streetlight system deficiencies identified by needs assessment. The goal is to replace high intensity discharge streetlighting fixtures, i.e., high pressure sodium lights, and other high energy consumption fixtures with LED high energy efficiency technology over a number of years.	\$520,000	\$63,692	Ongoing
Community Energy Systems	Oshawa, City of	Replacement of Aluminum Windows at Fire Hall #1	Replace windows at Fire Hall #1 with more energy efficient windows. The existing windows are 40 years old and are beyond their useful life. Window seals are deteriorated resulting in water penetration and heat loss.	\$200,000	\$8,950	Ongoing
Community Energy Systems	Oshawa, City of	Replacement of Dehumidification Systems at Delpark Homes Centre	Replace the two dehumidification systems that service four ice pads at Delpark Home Centre with more energy efficient equipment. The existing systems have exceeded their useful life.	\$850,000	\$74,448	Ongoing
Community Energy Systems	Oshawa, City of	Replacement of the HVAC System at Oshawa Executive Airport	Replace the existing rooftop units that service the Oshawa Executive Airport Terminal as they do not meet the intended building use. The replacement includes resizing terminal units, installing new boiler pumps, installing variable frequency drives, adding a building automation system, and adding zoned temperature controls resulting in energy savings.	\$1,200,000	\$619,551	Ongoing
Community Energy Systems	Oshawa, City of	Replacement of Rooftop HVAC Units at Animal Services Building	Remove and replace three rooftop HVAC units at Animal Services with more efficient units, reducing operating and maintenance costs. The existing units have exceeded their useful life.	\$165,000	\$0	Ongoing
Community Energy Systems	Oshawa, City of	Replacement of Heat Recovery Ventilator Units - Donevan Recreation Complex	To replace the Heat Recovery Ventilator Units at Donevan Recreation Complex. Existing units were at the end of their useful life and negatively impacting building efficiency with increased operational costs. Temporary measures had been implemented to heat change rooms as heat recovery was non functional.	\$172,638	\$172,638	Complete

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Community Energy Systems	Oshawa, City of	Building Automation System Integration at Two Locations	To upgrade the existing Building Automation System (BAS) at Delpark Communities Centre and Harman Arena. Work involved the replacement of controllers for heat pumps and temperature control, and optimization of two air handling units by incorporating schedule based control (occupied/unoccupied).	\$58,282	\$58,282	Complete
Community Energy Systems	Oshawa, City of	LED Lighting Upgrade - Delpark Homes Centre	This project is for the removal of existing metal halide fixtures and the installation of new LED fixtures in the four ice pads and exterior wall packs at Delpark Homes Centre. Work will save 1,214,136 kWh of electricity consumption.	\$211,051	\$211,051	Complete
Community Energy Systems	Oshawa, City of	Replacement of Chiller and Associated Equipment at the Civic Recreation Complex	To remove the existing, aged chiller and associated equipment at the Civic Recreation Complex and replace it with energy-efficient equipment.	\$350,000	\$172,599	Ongoing
Community Energy Systems	Pickering, City of	Dr. Nelson F. Tomlinson Community Centre - Replacement of Rooftop HVAC Units	Lifecycle replacement of rooftop HVAC units AC-1, AC-2, AC-3, and AC-5, as well as the surrounding flat roof at Dr. Nelson F. Tomlinson Community Centre. All units and the flat roof are original, installed in 1997. Replacements are more energy-efficient.	\$280,000	\$8,406	Ongoing
Community Energy Systems	Pickering, City of	George Ashe Library & Community Centre - Replacement of Rooftop HVAC Unit	Lifecycle replacement of existing rooftop unit #1 at the George Ashe Library and Community Centre, serving the common areas. The existing unit is original, and was installed in 2000. The replacement is more energy efficient. Work includes controls upgrades and related work. Upgraded units will ensure the equipment is connected to the city's central building automation system for remote monitoring and adjustment.	\$195,000	\$18,021	Ongoing
Community Energy Systems	Pickering, City of	Bay Ridges Kinsmen Park Southeast & Southwest - Baseball Field Lighting Replacement to LED	Work involves the design and replacement of old metal halide (non LED) lighting with new LED lighting. The lights at the southeast diamond were installed in 2000; southwest diamond in 1981. Both require replacement, including new poles and wiring. The lights at these two diamonds are installed on older shorter re-purposed street light poles. This causes uneven lighting of the diamond and outfield and has been identified by some as a safety issue.	\$700,000	\$8,044	Ongoing

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Community Energy Systems	Pickering, City of	Recreation Complex Heating Boiler System Replacement	Lifecycle replacement of a hot water storage tank, heat pumps and three heating boilers. The existing tank is being replaced with three smaller and more efficient tanks. The existing boilers require frequent and expensive maintenance and are being replaced with newer, more reliable and efficient units. The existing heat pumps are at the end of their expected lives and are being replaced as part of the same project. Work includes reconfiguration of valves, piping, sensors and related controls.	\$300,141	\$273,941	Complete
Community Energy Systems	Pickering, City of	Chilled Water System Pump Replacement at the Civic Complex	The main objective is to upgrade high energy efficient equipment in municipal buildings and to ensure life cycle replacement of the 29-year old pumps. Work includes preparation of engineering drawings, design, development of specifications for replacement of the chilled water and condenser pumps, and supply and installation of new chilled water and condenser systems pumps.	\$110,000	\$56,388	Ongoing
Community Energy Systems	Pickering, City of	Energy Retrofits in Multiple Buildings	This project is for various energy-saving retrofits and investments: rebuilding the refrigeration plant at O'Brien Arena, upgrading air handling units in municipal buildings, replacing the main chiller plant, boilers and tanks at community centres with energy-efficient equipment, and converting lighting fixtures in fire halls to LED fixtures. The objective of this project is to reduce energy consumption, extend the life of assets, and complete lifecycle replacement.	\$1,580,000	\$47,295	Ongoing
Community Energy Systems	Pickering, City of	LED Streetlight Conversion and Park Lighting	Conversion of 7,385 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.	\$6,074,407	\$49,244	Complete

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Community Energy Systems	Red Lake, Municipality of	Replacement of the Geothermal Ground Loop Pump in the Municipal Office	<p>The ground loop pump for the geothermal heating and cooling system in the Municipal Office was replaced. Geothermal energy is a renewable resource; this system helps ensure the energy efficiency of the municipal office and minimizes the building's carbon footprint.</p> <p>The original ground loop pump was installed when the building was constructed in the 90s. The new pump has a much more energy-efficient motor.</p>	\$19,325	\$4,020	Complete
Community Energy Systems	Red Lake, Municipality of	Energy Efficiency Upgrade to the Public Works Facility	The public works facility has a built-in pressure washer. That pressure washer is used to keep the Municipality's equipment in a state of good repair. The new pressure washer uses natural gas, replacing the former diesel model and increasing the energy efficiency of the facility.	\$17,255	\$15,519	Complete
Community Energy Systems	Richmond Hill, City of	Implementation of Energy Conservation Opportunities - Phase 1	The City is implementing energy conservation opportunities across 13 of the City's high energy usage facilities. The project includes re-commissioning, interior light retrofits, installing low-e ceiling, installing occupancy sensors, installing variable frequency drives (VFDs) for rooftop units, air handling units, and air conditioning units, glycol pump VFD as well as water deaerators. When complete, this project is estimated to yield energy savings of 6.7m kWh/yr.	\$1,121,200	\$170,683	Ongoing
Community Energy Systems	Richmond Hill, City of	Replacement of HVAC and Pool Systems with Energy Efficient Equipment at Elgin West Community Centre	Replacement of aging HVAC and pool mechanical components with energy efficient equipment at Elgin West Community Centre in Richmond Hill to support energy conservation and greenhouse gas emission reductions.	\$125,000	\$491	Complete
Community Energy Systems	Richmond Hill, City of	Replacement of HVAC and Arena Systems with Energy Efficient Equipment at the Tom Graham Arena	Replacement of aging HVAC and arena components with energy efficient equipment at the Tom Graham Arena in Richmond Hill to support energy conservation and greenhouse gas emission reductions.	\$600,000	\$0	Complete
Community Energy Systems	Richmond Hill, City of	Replacement of Mechanical & Electric Systems with Energy Efficient Devices at the Operations Centre	Replacement of aging mechanical and electric building components with energy efficient equipment at the Richmond Hill Operations Centre to support energy conservation and greenhouse gas emission reductions.	\$1,925,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	Richmond Hill, City of	LEED Upgrades to new Civic Centre	This project involves LEED upgrades to Richmond Hill's new 242,154 sq ft Civic Centre.	\$765,542	\$0	Ongoing
Community Energy Systems	Richmond Hill, City of	Multi- Facility Lighting Retrofit	The Multi Facility Lighting Retrofit Project converts conventional lighting equipment to energy efficient lighting equipment at 12 municipal facilities in Richmond Hill, resulting in lower energy usage.	\$2,243,234	\$329,774	Complete
Community Energy Systems	Richmond Hill, City of	Streetlight Conversion to LED	The conversion of 11,700 of Richmond Hill's streetlights to LED technology will save money and lead to reduced energy usage and greenhouse gas emissions.	\$12,000,000	\$0	Ongoing
Community Energy Systems	Richmond Hill, City of	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.	\$1,435,000	\$1,178	Complete
Community Energy Systems	Sables-Spanish Rivers, Township of	Streetlight LED Conversion Project	This project involves converting 324 high-intensity discharge (HID) cobra head fixtures to smart-ready LED fixtures. These fixtures are located in the towns of Webbwood and Massey (now part of the Township of Sables-Spanish Rivers).	\$213,572	\$199,957	Complete
Community Energy Systems	Scugog, Township of	Installation of an Electric Vehicle Charging Station	Installation of an electric vehicle charging station to promote sustainable, low emission travel in the Township in support of the Durham Community Energy Plan. A single unit with dual hookups to charge two vehicles was installed.	\$90,000	\$48	Ongoing
Community Energy Systems	South Frontenac, Township of	Energy Audits and Energy Retrofits in Township Facilities	We are converting existing old style inefficient lighting to LED in Township facilities with main focus on the public works garage at Keeley Road. Some of the new fixtures have built-in occupancy sensors and other areas are controlled by wall type occupancy sensors. Selection of the fixtures is based on Hydro One's retrofitting program.	\$225,000	\$11,017	Ongoing
Community Energy Systems	St. Catharines, City of	LED Lighting Conversion Ontario Street Parking Garage	Lighting upgrades to LED technology at Ontario Street Parking Garage to provide customers with better facility lighting. Upgrade will also deliver lighting at a lower cost.	\$300,000	\$31,440	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	St. Catharines, City of	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.	\$6,149,049	\$0	Complete
Community Energy Systems	The Blue Mountains, Town of	Landfill Hydro Extension	Currently Landfill operations employ a diesel power air compressor, hydraulic pump and generator. The compressor aerates the leachate within two separate tankers. The hydraulic pump lifts the leachate out of the wet well and into aeration tankers. The on-site generator provides power to a submersible pump to redirect water away for the termination berm. The installation of hydro eliminates the need for the diesel powered equipment and the Town can use hydro powered equipment.	\$43,312	\$42,882	Complete
Community Energy Systems	Thunder Bay, City of	Street Lighting Conversion to LED	This project involves the conversion of 2,160 street lights to LED. The energy use annually is 7,062,817 kilowatt hours. Yearly consumption is expected to decrease by an estimated 502,000 kilowatt hours after conversion.	\$1,500,000	\$235,232	Ongoing
Community Energy Systems	Vaughan, City of	Street Light Pole Replacement at Various Locations Across the City	Replacement of damaged/deficient street light poles and associated components and/or wiring where required (an estimate of 50 poles per year). The City conducts a pole inventory, determining the condition of the poles. Poles identified as being in poor condition in the report are replaced. Replacements support upgrades for newer energy-efficient technology (e.g. LED).	\$1,162,702	\$0	Ongoing
Community Energy Systems	Vaughan, City of	Streetlight Conversion to LED	Replacement of 20,800 residential high pressure sodium (HPS) street lights with LED lighting.	\$4,650,000	\$2,177,430	Ongoing
Community Energy Systems	Vaughan, City of	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.	\$750,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Community Energy Systems	Vaughan, City of	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%.	\$392,200	\$101,521	Complete
Community Energy Systems	Vaughan, City of	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.	\$80,000	\$78,837	Complete
Community Energy Systems	Vaughan, City of	Installation of Energy-Efficient Components Meeting LEED Standards in New Civic Centre	The new Civic Centre will be constructed to a minimum of LEEDS silver standards. GT Funds used for the energy efficient components of the new build such as, HVAC improvements, green roof, lighting.	\$140,695,378	\$0	Ongoing
Community Energy Systems	Woodstock, City of	Upgrade of HVAC Systems in Garage Bays at the Police Station	Upgrade HVAC system to provide better energy conservation and reduce the use of fossil fuels. It is expected that the system will provide 10%-15% savings in energy use.	\$25,000	\$0	Ongoing
Community Energy Systems	Woodstock, City of	HVAC Building Control System Upgrade at City Hall	Upgrade HVAC system with a control system to provide better energy conservation and reduce the use of fossil fuels. The expected energy savings are 15%-25%.	\$110,511	\$100,000	Complete
Community Energy Systems	Woolwich, Township of	Woolwich Administration Building Lighting Retrofit	The Township is replacing the existing light fixtures within the Township of Woolwich Administration Building. The project involves replacing 243 T5HO light fixtures with new LED fixtures. The new LED light fixtures will provide energy savings through reduced consumption, ultimately reducing the Township's carbon footprint.	\$63,555	\$53,275	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Culture	Ajax, Town of	Quaker Meeting House Renovations	The Quaker Meeting House was originally erected in 1867 and is a designated historical property under Section 29 (Part IV) of the Ontario Heritage Act. Renovations have been completed to the building including accessible washroom upgrades and rehabilitation to the foundation, structure, electrical, HVAC and plumbing systems, masonry and roof repairs as well as interior finishes upgrades including flooring & painting, new kitchen and hazardous material remediation.	\$4,041,971	\$10,176	Complete
Culture	Brockville, City of	Stage Improvements at the Brockville Arts Centre	The stage is in poor condition, it is not flat and is a trip factor in its present condition. The lift does not operate currently and the parts are not serviceable to repair.  Work involves removing the decking on the stage, applying neoprene to the top of the stage framing (a sound deadener), and replacing decking on the stage. The lift will also be replaced to make the stage accessible.	\$37,685	\$35,000	Ongoing
Culture	Brockville, City of	Restoration of Canada's First Railway Tunnel	Canada's First Railway Tunnel was completed in 1860 for the Brockville and Ottawa Railway and later owned by the Canadian Pacific Railway until being acquired by the City of Brockville in 1983. Our historic Tunnel is a remarkable example of Canada's pre-Confederation industrial heritage that our innovative restoration project has repurposed for recreation, tourism and economic development.	\$2,789,970	\$139,498	Complete
Culture	Burlington, City of	Construction of the Elgin St Promenade - Phase 4	The project is located in Downtown Burlington. The objective is to revitalize the downtown area to a great "people" place with organic elements, safety, convenience, and an ability to connect with the community. Work involves the construction of a concrete pathway for walking, pavilion or shelters for gathering, solar lighting, share areas, art installation, bike racks, water fountains and water misters for relief from warm temperatures, and open and versatile space for pop-up events, etc.	\$1,267,000	\$3,260	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Culture	Casselton, Municipality of	Installation of a Privacy Screen at our Public Square	Erection of a 100 foot privacy screen between the public place and existing residential area. This square is heavily used by our community for local events, and provides critical public space to bring our community together. The installation of the privacy screen ensures that local residents can continue to enjoy this public space without disturbing neighbouring residents.	\$6,000	\$1,451	Complete
Culture	Dryden, City of	Improvements to the Dryden Public Library	<p>Library shelving had been identified as a safety risk by staff. Maintaining our over 50-year-old shelving required increased upkeep and repairs and additional staff time. The shelving also limited the layout of the Library, inhibiting accessibility.</p> <p>The City therefore installed safe and secure modern steel shelving that will last for decades to come. This update also created additional space for patrons in wheelchairs and with assistive devices and modernized the look and feel of the library.</p>	\$46,261	\$15,731	Complete
Culture	Guelph, City of	Improvements to the Historical City Hall	This work identifies key capital work at the facility to address life cycle needs. Improvements include window replacement, capacitor replacement in the uninterruptible power supply system, front door restoration, carpet replacement, and flooring replacement. This work maintains the facility in a state of good repair and is essential to support the City's building management model.	\$1,530,000	\$26,300	Ongoing
Culture	Guelph, City of	Culture Facilities Renewal Museum Facade Restoration	Facility renovations and life cycle renewal activities at cultural facilities such as the River Run Centre, the Farmers Market and Guelph Museums. Work includes building envelope improvements at the River Run Centre and the replacement of failing infrastructure to provide reliability and meet approved levels of service.	\$2,661,400	\$1,736,769	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Culture	Guelph, City of	Renewal and Upgrades to Culture Facilities	This project involves upgrading and renewing lighting and sound equipment in the River Run Centre (to continue to provide an exceptional level of programming) and upgrading elevators, washrooms and the kitchen in the Main Library Branch.	\$1,478,000	\$9,185	Ongoing
Culture	Hamilton, City of	Valley Park Library Expansion	To construct a new and expanded Valley Park Library on the site of the current Valley Park Community Centre. With the large growth in population on the Stoney Creek Mountain, the current 3,100 sq ft library is inadequate. The library is therefore being at least doubled in size.	\$8,699,000	\$440,000	Ongoing
Culture	Hamilton, City of	New Library Construction in Greensville	The Greensville Branch is currently in a leased facility with operating costs of \$38,000 per annum. To replace this facility, the Hamilton Public Library, City of Hamilton, and the Hamilton-Wentworth District School Board are building a new library on the site of the future Greensville Elementary School (625 Harvest Rd, Greensville). This will create an important community hub and provide opportunities to increase library usage in Greensville and grow the next generation of readers.	\$3,675,000	\$280,000	Ongoing
Culture	Hamilton, City of	Capital Renewal Hamilton Farmer's Market	To replace end of life infrastructure and equipment - including the ventilation and HVAC systems - at the Hamilton Farmer's Market which has been identified as priority for tenants and patrons. The market was established in 1837 and remains an important meeting place for the community.	\$550,000	\$24,450	Ongoing
Culture	Hamilton, City of	Central Library Window Replacement	To replace the 36 year old windows at Central Library, where there are currently structural concerns posing a risk to health & safety.	\$3,776,000	\$0	Ongoing
Culture	Hamilton, City of	Ancaster Art & Culture Centre Renovation	Through renovation and expansion of a historical schoolhouse, the Arts Centre will be able to provide the community with dance studios, music studios, theatre and music rehearsal space, film screening rooms, visual art studios, storage, a 160 seat studio theatre, and a 450 seat theatre exclusively for community use.	\$22,015,000	\$1,503,376	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Culture	Kitchener, City of	Improvements to City Hall Outdoor Spaces	Carl Zehr Square and surrounding outdoor amenities were built in 1993. Each year 10,000+ people use spaces around city hall to attend large events like the Kitchener Blues Festival, smaller events like Discovery Square, skating on the outdoor rink or taking a lunch break at one of the various seating areas. 25+ yrs later, many of the infrastructure components are in need of repair, retrofit, or replacement. This project improves infrastructure components in the square and surrounding areas.	\$14,000,000	\$3,949,125	Ongoing
Culture	Kitchener, City of	Roofing Replacement: Recreation & Culture Facilities	A number of recreation facilities have roofs systems that are nearing the end of their useful lives. This project would replace roof assemblies based on the condition assessment completed in 2016.  Replace the roofs at THEMUSEUM, Homer Watson Gallery, Rockway golf course and Wilson Pool.	\$529,548	\$331,047	Ongoing
Culture	Kitchener, City of	Centre in the Square Upgrades - 2019 - 2021	The Centre in the Square is Waterloo Region's largest and busiest performing arts centre. The main hall is acknowledged as a technically state-of-the-art theatre making it acoustically superior and widely regarded as one of the finest performance spaces in North America. The building requires significant capital upgrades involving roofing, an AODA washroom, dressing room upgrades, loading dock renovations, and LED lighting upgrades in public and production areas.	\$1,715,417	\$370,187	Ongoing
Culture	Mississauga, City of	Meadowvale Theatre - Facility Renewal	The purpose of this project is to complete deferred maintenance and mechanical lifecycle upgrade to Meadowvale Theatre	\$530,000	\$0	Ongoing

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Culture	Mississauga, City of	Meadowvale Theatre Renovation	The purpose of this project is to complete a renovation to the existing Meadowvale Theatre to improve the quality of the cultural services provided to residents and create broader performing arts opportunities. The renovation will address deferred maintenance, life cycle upgrades and aesthetic enhancements to the buildings interior and exterior spaces providing for a greater street presence while improving building accessibility and energy efficiencies.	\$6,382,700	\$0	Ongoing
Culture	Mississauga, City of	Erin Meadows Plaza Redevelopment	The project involves the design and redevelopment of the Erin Meadows Library entry plaza into a new outdoor, programmable space for library activities and children, youth, and adult programs to take place outside. This will allow library staff and patrons to expand the library experience to the outdoors and offer special spaces for other community activities.	\$500,000	\$0	Ongoing
Culture	Mississauga, City of	Theatrical Lighting Upgrade at Meadowvale Theatre	This project is focused on upgrading the technical infrastructure at the theatre, specifically the theatrical lighting equipment. The equipment will be upgraded to multi-colour LED fixtures that will provide additional functionality to the community groups utilizing the venue. The benefit of these fixtures will also be realized in energy savings over the course of their life as it lowers both consumption of energy and quantity of fixtures being used.	\$61,056	\$61,056	Complete
Culture	Mississauga, City of	Design and Installation of Belfry Tower for the Meadowvale Village Hall	Design and construction of the belfry tower that was original to the Meadowvale Village Hall. The bell tower is being designed and constructed in place. The property was designated, by the City of Mississauga in 1980, for its heritage value, under Part IV of the Ontario Heritage Act, By-law 453-80. The residential structure has an historic association with the mid nineteenth century development of the Village.	\$110,000	\$2,040	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Culture	Mississauga, City of	Small Arms Building East Parking Lot Rehabilitation	The project consisted of the rehabilitation of the existing east parking lot to support cultural programming at SAIB, which is a historic building that presents a wide range of arts and cultural programs. The project included stripping the existing surface and removing it from the site, resurfacing the lot with new material, painting lines and installing parking lot lighting fixtures. New jersey barriers were also provided.	\$250,000	\$0	Complete
Culture	Mississauga, City of	Elevator Modernization at the Living Arts Centre	Modernization of elevator #3 at the Living Arts Centre located at 4141 Living Arts Drive, Mississauga, Ontario. The elevator controller, power and door locks and hardware are being replaced. The doors for the elevator are being replaced at every level. Elevator floor indicators are being installed at every level.	\$325,000	\$233,318	Ongoing
Culture	Mississauga, City of	Cultural Heritage Replacements	Replacement of floors and washrooms at Bradley Museum and improvement of facade at Small Arms Inspection Building (SAIB) to come into compliance with the Ontario Heritage Act. Work also involves improvements in the Living Arts Centre, particularly door replacements at the loading dock, door replacements to satisfy accessibility requirements as well as flooring and soundproofing to ensure that the facility remains in good condition.	\$166,792	\$3,087	Ongoing
Culture	Mississauga, City of	Mechanical & Structural Replacements at the Living Arts Centre, Clarke Memorial Hall, etc.	The Culture Facilities Restoration program maintains the integrity of the heritage features for mechanical and structural components. It involves replacing the diesel fire pump at Living Arts Centre, Elevator and Roof Replacement at Clarke Memorial Hall. In addition, enhancement to the Civic Centre Lighting meets expectations of community group events such as LED multi color lighting and/or installation of an image projection system.	\$3,001,983	\$172,732	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Culture	Oakville, Town of	Museum Coach House Renovation	The Coach House, a heritage building on the Erchless Estate, is being redeveloped as an extension of the Oakville Museum's exhibition and programming space based on a consultant report. Enhancements include a new accessible washroom, updated utilities and sewer service, multi-functional indoor/outdoor programming space for the carriage space (doubling the museum's existing capacity) and restoration of the cottage for historic recreations and artist-in-residence programming.	\$2,750,000	\$121,687	Ongoing
Culture	Oshawa, City of	HVAC Modification at Robert McLaughlin Gallery	Complete consultant's recommended HVAC modifications at the Robert McLaughlin Gallery for the purposes of temperature and humidity control.	\$500,000	\$47,096	Ongoing
Culture	Richmond Hill, City of	Heritage Centre Renovations	Project is to perform interior renovations to open up the space in the Heritage Centre. The renovations will improve program delivery options and improve visitor flow through the exhibits and program rooms. The renovations and upgrades are to generate greater awareness, interest and boost participation in programs and events. The current base of approximately 5,000 visitors will continue, with a projection of doubling the attendance over the next five years.	\$596,500	\$64,894	Ongoing
Culture	Richmond Hill, City of	Heritage Building Assessment & Renovations	The scope of work involves creating engineering drawings and specifications required for the restoration of various heritage buildings, followed by renovations.	\$420,000	\$9,891	Complete
Culture	Richmond Hill, City of	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.	\$11,863,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Culture	Sarnia, City of	Improvements to the Accessible Ramp at Lawrence House	To upgrade the AODA ramp. The current Lawrence House ramp allows for access into the basement of the art gallery and allows patrons to use the elevator to access upper floors. Currently, the ramp is not within Design of Public Space Standards and is causing issues due to water overflowing from the ramp into the Lawrence House. Furthermore, the current drain flows into private property, causing overflow issues.	\$240,000	\$29,124	Ongoing
Culture	Sarnia, City of	Replacement of Air Handlers, Cooling Tower, and Plumbing at the Sarnia Library	The two air handlers and cooling tower at the Sarnia Library have reached the end of their life cycle and require replacement. Additionally, an electrical engineer (independent consultant) is being hired to inspect and make recommendations for required electrical upgrades. The second phase of the project involves removing and replacing the two existing inefficient boilers and connected plumbing, electrical upgrades, and asbestos abatement in the mechanical room.	\$845,000	\$37,170	Ongoing
Culture	Thunder Bay, City of	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.	\$215,000	\$0	Complete
Culture	Waterloo, City of	Construction of East Side Branch Library	<p>This project represents the construction of a new library branch on the east side of the City of Waterloo. It will be built in the same location as the RIM Park Manulife Financial Sportsplex and Healthy Living Centre ("RIM Park"), one of the City's main recreational facilities.</p> <p>The new one-storey East Side Branch Library ("ESBL") will be located on the south-east side of the existing RIM Park. In total, the ESBL will have a floor area of approximately 15,500 sq.ft (1,440 sq.m).</p>	\$10,354,922	\$733,705	Ongoing
Culture	Welland, City of	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.	\$218,000	\$88,353	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Culture	Windsor, City of	Improvements to Festival Plaza	Continuation of the block retaining wall along the south limits of the new Festival Plaza. The wall is both functional and aesthetic; construction of the retaining wall was initially required from a structural standpoint (due to poor soil conditions), and beautification of the wall - which abuts our Festival Stage - adds to the appeal of the plaza. The multi-use trail crossing the plaza was additionally widened.	\$1,400,000	\$170,208	Complete
Culture	Windsor, City of	Willistead Complex Capital Improvements	Capital improvements consisting of front courtyard restoration, the Paul Martin terrace, foundation waterproofing, capstone and grate work designed to maintain the operational integrity of this heritage complex.	\$570,200	\$0	Ongoing
Culture	Windsor, City of	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.	\$1,320,000	\$441,557	Complete
Disaster Mitigation	Barrie, City of	Reconstruction of Dunlop St (from East of Eccles St to Toronto St)	Reconstruction of Dunlop Street (from 120 m east of Eccles Street to Toronto St) and the Kidd's Creek outlet culvert and overland flow path (from Dunlop St to Bradford St at Simcoe St). Work involves road reconstruction, watermain replacement, local storm sewer replacement, sanitary sewer replacement, and work on the outlet culvert and overland flow path. The culvert and channel capacity are exceeded during major storm events and are being redesigned to convey a 100 year storm event.	\$7,082,897	\$1,310,013	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Disaster Mitigation	Brockville, City of	Cunningham Park Seawall Rehabilitation	The City is rehabilitating the Thomas Street Seawall. The seawall had rusted through over many years, allowing water to pass through and undermine the end of the roadway, as well as along the entire wall itself. The City is therefore installing a new seawall in front of the old one and capping it off. A new sidewalk is also being installed as the old one needs to be removed to allow for the bracing of the new wall.	\$572,284	\$565,069	Complete
Disaster Mitigation	Grimsby, Town of	Shoreline Protection 3rd/6th/9th Streets, Outlet 7-3	The objective of the project is to control erosion of the Lake Ontario shoreline. The Town's Lake Ontario shoreline bluffs are eroding due to wave action and high water levels. The shoreline protection helps prevent the loss of municipal infrastructure (road, water and sanitary) servicing the developed land above the lake front. A revetment using armour stone is being constructed at the site.	\$890,000	\$33,922	Ongoing
Disaster Mitigation	Grimsby, Town of	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.	\$562,425	\$326,015	Complete
Disaster Mitigation	Hamilton, City of	West Harbour & Waterfront Shoreline Reconstruction & Rehabilitation in the Marina's Main Basin	The project includes design and construction for the required rehabilitation and replacement of the main basin's shoreline between Pier 4 and Pier 7; rehabilitation is being coordinated with the new Pier 5-7 Boardwalk, Pier 6 Gas Dock rehab, Pier 6 Artisan Village, Pier 7 Commercial Village and the required municipal servicing for each pier to support new users.	\$16,823,000	\$915,789	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Disaster Mitigation	Kincardine, Municipality of	Installation of Shoreline Protection along Goderich St	High lake levels have caused erosion issues along the Goderich St. corridor. Existing water infrastructure is being exposed along with eroding embankments. The scope of work includes approximately 600 m of shoreline protection works consisting of 3,500 tonnes of armour stone at toe; 6,000 tonnes of armour stone on slope; 5,500 tonnes of filter stone under armour stone on slope; 600 m of geotextile under filter stone, extension of culverts through protection, and restoration of the area.	\$1,000,000	\$305,500	Ongoing
Disaster Mitigation	Lincoln, Town of	Shoreline Protection Measures Along Lakeshore Road	The rising water levels of lake Ontario are causing more frequent flooding around our shoreline where we own and maintain roads. We are therefore implementing preventative measures to reduce the long-term impacts of this flooding on Lakeshore road.	\$152,949	\$0	Ongoing
Disaster Mitigation	Oakville, Town of	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.	\$2,361,000	\$0	Complete
Disaster Mitigation	Oakville, Town of	Rehabilitation of Taplow Creek (Reach 24)	Taplow Creek Reach 24 is considered a high priority local area of concern requiring rehabilitation according to the Town's 2015 Creek Erosion Inventory and Assessment. Phasing includes design, permitting and construction. Construction includes channel realignment using various natural treatments, as well as stabilization of the toe of slope using large boulders. The rehabilitation work also includes ecological enhancements including a bat house and the creation of wetland pockets.	\$876,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Disaster Mitigation	Oakville, Town of	Shoreline Protection - Vista Promenade Rehabilitation	Shoreline protection at Vista Promenade has deteriorated and is in need of rehabilitation. Phasing includes design and permitting in 2017/2018 and construction in 2019. A detailed improvement plan is required, followed by the rehabilitation. Construction activities to include removal of the armour stone revetment and replacement with a combination of shoreline protection works such as, a new armour stone revetment that may include fish habitat enhancements.	\$2,761,000	\$68,412	Ongoing
Disaster Mitigation	Pelee, Township of	Protection of West Shore Road	The Township of Pelee placed new armour stone in areas identified by the municipality's Hazard Identification Risk Assessment to protect sections of West Shore Road that suffered extensive damage during major weather events. This project met an immediate health and safety need as the road is the only access to the community's health, water, waste, and ferry services. The community was at risk of losing this critical road infrastructure.	\$573,941	\$58,952	Complete
Disaster Mitigation	Sarnia, City of	Shoreline Protection Upgrades Near Old Lakeshore Road	Replace steel groynes, retaining walls, beach access points, and other work along the shoreline. Lake water levels are at an all-time high resulting in significant erosion. Old shoreline protection is failing at an increasing rate resulting in costly emergency repair work. Upgrades to shoreline protection will create beaches for recreation, protect the shoreline from erosion, and protect municipal infrastructure and property near the shoreline.	\$2,008,711	\$1,250,000	Complete
Disaster Mitigation	Vaughan, City of	Woodbridge Highlands Open Space - Erosion Stabilization - Phase 1 and Phase 2	Erosion Stabilization works required at the Woodbridge Highlands Open space. Phase 1 is primarily for design work; phase 2 is primarily for construction. Work involves the construction of slope stabilization works such as earthworks and restorative planting.	\$400,040	\$82,784	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Disaster Mitigation	Vaughan, City of	Slope Stabilization Cherry Hills Road Open Space	Work is proceeding in two phases. Phase one involves erosion mitigation, slope stabilization and construction of modular block retaining wall along Cherry Hill Road. Phase two involves the installation of a new modular gravity retaining wall and slope stabilization along the edge of open space next to private property, including the removal of an existing timber wall and existing trees.	\$575,000	\$3,261	Ongoing
Disaster Mitigation	Vaughan, City of	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.	\$70,000	\$0	Complete
Disaster Mitigation	Whitchurch-Stouffville, Town of	Lakeshore Blvd Shoreline Stabilization	To stabilize a 250 m section of shoreline between 5793 and 5895 Lakeshore Blvd. through the installation of a retaining wall. As part of the project, the falling portion of the road structure was rebuilt and repaved, a traffic guide rail was installed and adjacent ground works were completed.	\$1,250,000	\$468,852	Ongoing
Disaster Mitigation	Windsor, City of	Peche Island Shoreline Preservation/Mitigation	The Peche Island erosion protection include a series of 9 islands and 12 rock berms created out in the water off the coast of the north and east side of Peche Island that will protect the shoreline from further erosion as well as provide fish habitat.	\$2,450,000	\$837,770	Ongoing
Local Roads and Bridges	Adjala-Tosorontio, Township of	Minor Rehabilitations of Four Bridges and Culverts	High priority rehabilitations of four bridges and culverts: one on Concession Rd 2, 350 m south of 30 Sideroad Adjala, one on Concession Rd 3, 1,130 m north of Highway 89, one on Concession Rd 7, 350 m north of 25 Sideroad Adjala, and one on Concession Rd 2, 960 m north of Highway 89. This work primarily addresses urgent deficiencies that pose an imminent threat to the safety and reliability of the road network.	\$448,788	\$295,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Adjala-Tosorontio, Township of	Adjala-Tecumseth Townline Reconstruction	The Township is fully reconstructing 85 m on the Adjala-Tecumseth Townline where severe deficiencies exist. The reconstruction involves excavation to 540 mm depth and installation of new granular sub-base, granular base, binder course hot mix asphalt and surface course hot mix asphalt.	\$177,000	\$0	Complete
Local Roads and Bridges	Adjala-Tosorontio, Township of	Concession Road 4 Reconstruction	The Township is fully reconstructing 185 m of Concession Road 4 where severe deficiencies exist. The reconstruction involves excavation to 540 mm depth and installation of new granular sub-base, granular base, binder course hot mix asphalt and surface course hot mix asphalt.	\$133,000	\$0	Complete
Local Roads and Bridges	Adjala-Tosorontio, Township of	New Large Cross Culvert Installations	Two new large diameter cross culverts and associated ditching are being installed where recurring flooding occurs. The new cross culverts will improve roadside drainage and reduce service interruptions.	\$200,000	\$0	Complete
Local Roads and Bridges	Adjala-Tosorontio, Township of	Rehabilitation of 5 Sideroad Adjala	5 Sideroad Adjala is being rehabilitated from Concession Rd 2 W to the Mono-Adjala-Townline. Work involves asphalt paving of the existing road alignment, including the addition of a 150 mm Granular A base, and 60 mm of HL 3 asphalt. The project is required to deliver improved service levels to the community.	\$318,204	\$77,841	Complete
Local Roads and Bridges	Adjala-Tosorontio, Township of	Replacement of Bridge 22 on Concession Rd 5	In 2017, we were looking to replace the barriers on bridge #22 on Concession Rd 5. They had deteriorated and needed to be replaced for safety reasons. The project did not get started as anticipated and has subsequently evolved in scope to a full replacement of the bridge. Work involves both design and construction for the replacement.	\$702,500	\$47,509	Ongoing
Local Roads and Bridges	Admaston/Bromley, Township of	Ferguslea Road Rehabilitation	Rehabilitation of the roadway including pulverizing, granulars, base dig out and repair, and double surface treatment.	\$169,819	\$89,037	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Ajax, Town of	Reconstruction of Lakeview Boulevard	The scope of work includes the full depth reconstruction of Lakeview Boulevard from Pickering Beach Road to Poplar Ave and from Maple Ave to Shoal Point Road including culvert replacement, drainage improvement, curb replacement, new trail, and installation of top lift asphalt from Pickering Beach Road to Shoal Point Road. Project also includes geotechnical investigations and the detailed design of Range Line Road which will be a future Gas Tax funded project.	\$1,050,000	\$449,302	Ongoing
Local Roads and Bridges	Ajax, Town of	Dreyer Drive Reconstruction	The scope of work includes reconstruction of approximately 1.0 km of Dreyer Drive (from Harwood Ave to Clements Rd), including curb and sidewalk replacements.	\$1,767,805	\$1,521,890	Ongoing
Local Roads and Bridges	Ajax, Town of	Lakeview Boulevard Realignment	Realignment of 0.8 lane km of the Lakeview Boulevard as recommended by the Class Environmental Assessment (EA). The scope of work involves realigning Lakeview Boulevard along the original road alignment to the north, removing and restoring the existing road alignment, and installing new LED street lighting, a new cycling trail, new crosswalks, and traffic calming measures.	\$2,438,600	\$205,559	Complete
Local Roads and Bridges	Ajax, Town of	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.	\$1,612,000	\$13,569	Ongoing
Local Roads and Bridges	Ajax, Town of	Design and Implementation of New Bicycle Lanes	Design and implementation of on-road bicycle infrastructure along 8 km of existing roads to expand the bicycle network. Implementation includes pavement markings, wayfinding signage, regulatory signage, and route identification signage.	\$89,756	\$0	Ongoing
Local Roads and Bridges	Ajax, Town of	Construction of New Sidewalks	The scope of work involves the design and construction of 520 m of new concrete sidewalks to maintain a continuous path system within the Town and increase accessible and pedestrian friendly access.	\$330,000	\$238,895	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Ajax, Town of	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.	\$73,074	\$0	Complete
Local Roads and Bridges	Ajax, Town of	Road Resurfacing and Reconstruction	Road rehabilitation of Rotherglen Rd (0.88 lane km), Hawkins Crescent (0.9 lane km), Garnett Dr (0.6 lane km), and O'Dell Court (0.32 lane km) totaling 2.7 lane km. The project includes geotechnical assessments, asphalt resurfacing, and rehabilitation of base asphalt, curbs and sidewalks. Also included is the reconstruction of Mills Road from Station Street to Hunt Street (1 lane km).	\$1,874,270	\$0	Complete
Local Roads and Bridges	Ajax, Town of	Extension of Carruthers Trail to connect to Alexander's Crossing	Design and construction of a new section (570 metres) of the Carruthers Trail to connect at Kingston Road and Alexander's Crossing.	\$275,000	\$10,836	Ongoing
Local Roads and Bridges	Ajax, Town of	Road Network Improvements in Downtown Ajax	EA, Design and Construction of Downtown Ajax Road Network improvements to support the redevelopment and intensification of the Ajax Plaza lands. The reconstruction of Commercial Avenue (472m) from Hunt Street to Station Street includes on-street parking, cycle tracks and sidewalks on both sides of the roadway, new traffic signals and dedicated left turning lanes at four access points. Reconstruction of Commercial Ave and access roads is contingent on the timing of the Central Park development.	\$3,110,000	\$0	Ongoing
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Concession 8 in Plantagenet near Pitch Off	A culvert on Concession 8 was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$5,129	\$4,752	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Concession 10 in Alfred Near Peat Moss	The culvert on Concession 10 near Peat Moss was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$50,579	\$50,579	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Concession 9 Near the Old dump	The culvert on Concession 9 near the old dump was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$27,739	\$27,739	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Road 16 Near Concession 3	The culvert on Road 16 near Concession 3 was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$3,595	\$3,595	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Road 25	A culvert on Rd 25 was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$13,740	\$13,740	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Road 25 Near Concession 2	The culvert on Rd 25 near Concession 2 was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$10,751	\$10,751	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Concession 1 in Treadwell	A culvert on Concession 1 was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$1,361	\$1,361	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Montee Ouellette	A culvert on Montee Ouellette was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$14,291	\$14,291	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Bolt Rd near Montee Charrette	The culvert on Bolt Rd near Montee Charrette was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$16,696	\$16,696	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on Concession 2 in Wendover	A culvert on Concession 2 was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$8,751	\$8,751	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert on St-Pierre Road in Wendover	A culvert on St-Pierre Rd was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$6,539	\$6,539	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert at Peat Moss & Concession 10	The culvert at the intersection of Peat Moss and Concession 10 was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$12,973	\$12,973	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Peat Moss Culvert Near the Lagoon	A culvert near the lagoon (measuring 1500 mm x 18 m) was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$8,972	\$8,972	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert 25D on Concession 9 Curran	Culvert 25D (measuring 750 mm x 15 m) was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$6,832	\$6,832	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert 25C on Concession 9 Curran	Culvert 25C (measuring 900 m x 15 m) was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$5,131	\$5,131	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Replacement of Culvert 25B on Concession 9 Curran	Culvert 25B (measuring 600 mm x 15 m) was replaced. Work involved excavating and removing the old culvert, installing the new culvert, adding granular B and A, compacting, and resurfacing the roadway with HL-4 asphalt.	\$2,409	\$2,409	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Alfred and Plantagenet, Township of	Installation of Guide Rails along Concession 7 Plantagenet	The Township installed guide rails along 76 m of the roadway - on both the north and south side - to protect culverts running underneath. Installation of the guide rails additionally ensures the continued safety of local residents traveling along the road.	\$34,179	\$34,179	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Installation of Guide Rails along Carriere Road Plantagenet	The Township installed guide rails along 60 m of the roadway - on both the north and south side - to protect culverts running underneath. Installation of the guide rails additionally ensures the continued safety of local residents traveling along the road.	\$28,281	\$28,281	Complete
Local Roads and Bridges	Alfred and Plantagenet, Township of	Pulverize Concession 2 Lefairve	Pulverize existing asphalt, fine grade and compact on Concession 2 from Boundary Road to County Road 15. The project is 6 kilometers in length by 7 meters wide.	\$14,360	\$14,360	Complete
Local Roads and Bridges	Alnwick/Haldimand, Township of	Rehabilitation of Various Roads	Surface treatment of Halstead Rd (2.2 lane-km), King (4.2 lane-km), Telephone (3.6 lane-km), Lakeport Rd (4.4 lane-km), and recapping Cowling (7 lane-km), Scots Line Rd (6.4 lane-km), Northumberland Heights Rd (4.2 lane-km) and 1st Line Rd (6.2 lane-km). With heavier traffic flows and growth in the community, it is imperative to keep these roads in the good condition that they are currently in. This rehabilitation extends the life of the roads and minimizes long-term costs for local taxpayers.	\$580,863	\$208,000	Complete
Local Roads and Bridges	Amaranth, Township of	Rehabilitation of the Bridge Spanning Willow Creek on 20th Sideroad	Rehabilitation of Bridge 17 spanning Willow Creek, located on 20th Sideroad.	\$996,228	\$51,202	Complete
Local Roads and Bridges	Amaranth, Township of	Rehabilitation of the Bridge Spanning the Grand River on 10th Line	Rehabilitation of Bridge 6 spanning the Grand River, located on 10th Line approximately 1.2 km north of Station Street, in the Village of Waldemar. Rehabilitation of the three-span concrete slab on CPCI girder bridge involves concrete patching, waterproofing, roadside protection upgrades, and approximately 220 m of road reconstruction work.	\$406,804	\$193,040	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Amherstburg, Town of	Pacific Ave Reconstruction	The Town is reconstructing Pacific Avenue from Simcoe St to Richmond St. This section of road had reached the end of its expected life and was in deteriorating condition. The reconstruction included new curbs, sidewalks and pavement and provides for safer travel for motorists, cyclists, and pedestrians.	\$606,775	\$173,572	Complete
Local Roads and Bridges	Amherstburg, Town of	4th Concession N Reconstruction	The Town is reconstructing 4th Concession Road North from Alma St to County Road 10 using cold-in-place asphalt recycling. This section of road was in poor condition. The new paved road with a wider profile provides safer travel for motorists, cyclists, pedestrians and farmers.	\$2,103,734	\$417,734	Complete
Local Roads and Bridges	Armour, Township of	Rehabilitation of Thompson Bridge	Thompson Bridge is a local bridge which gives residents access to a large part of the Township. Our last engineered bridge inspection showed that the underside of the bridge is deteriorating and if it is not rehabilitated the bridge will be damaged beyond repair and will need to be replaced. This project therefore stabilizes the bridge and extends the life of this asset by many years. It will also make it safer for our residents to use.	\$165,000	\$97,208	Complete
Local Roads and Bridges	Arnprior, Town of	Downtown Road Reconstruction (Elgin St & McGonigal St)	Full depth road reconstruction including sanitary sewer, water mains and storm sewers along Elgin street from Daniel street to Madawaska street, as well as McGonigal street from Hugh street to Edward street.	\$4,177,121	\$0	Complete
Local Roads and Bridges	Arnprior, Town of	Downtown Roads Reconstruction (John St, Madawaska and McGonigal Sts.)	Reconstruction of sanitary sewer, watermain, road and curb/sidewalk and installation of a storm sewer for Phase #1 of the Downtown. Includes portions of John St, Madawaska and McGonigal St. as well as a storm sewer outlet on Madawaska St.	\$5,981,738	\$0	Complete
Local Roads and Bridges	Arran-Elderslie, Municipality of	Structural Rehabilitation of Monkman Bridge #A9	The OSIM report in 2016 recommended concrete rehabilitation on this bridge culvert. The report and location made it a logical rehabilitation with the Hemstock bridge.	\$74,212	\$71,198	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Arran-Elderslie, Municipality of	Structural Rehabilitation of Hemstock Bridge #A10	Rehabilitation was completed based on the Engineer's Ontario Structure Inspection Manual completed for Arran-Elderslie in 2016. This bridge needed concrete rehabilitation and the barrel extended on Con 2 Arran.	\$136,032	\$136,032	Complete
Local Roads and Bridges	Arran-Elderslie, Municipality of	Microsurface Treatment of Concession 2 Elderslie (Cemetery to Sideroad 15)	Concession 2 Elderslie was paved in 2006. A microseal application was applied over the top asphalt. This seal will extend the lifecycle of this roadway.	\$147,957	\$147,957	Complete
Local Roads and Bridges	Arran-Elderslie, Municipality of	Microsurface Treatment of Concession 8 Arran East (School to Sideroad 15)	This section of roadway was paved 12 years ago. A microseal application was laid over the top asphalt. The intent is to seal the asphalt and extend the lifecycle of the road.	\$146,573	\$146,573	Complete
Local Roads and Bridges	Arran-Elderslie, Municipality of	Pavement Treatment of Arran Concession 10 East (Bruce Road 10 to Bridge)	Pavement was laid over the existing tar and chip surface. The road base and foundation are good, but the top layer of tar and chip was deteriorating. Work sealed off the surface with hot mix, extending the lifecycle substantially.	\$121,415	\$121,415	Complete
Local Roads and Bridges	Ashfield-Colborne-Wawanosh, Township of	Hills Road Bridge Replacement #59	The existing concrete culvert was badly deteriorating with age. Moisture was getting into the old concrete, causing deterioration of the structure and exposing the steel rebar throughout. The existing structure is also narrow and the new structure is being widened to accommodate modern farm machinery that use this roadway.	\$414,882	\$390,000	Complete
Local Roads and Bridges	Asphodel-Norwood, Township of	Wellington Street Reconstruction - Hwy No. 7 to County Road 40	This project involves the construction of a new road base, application of new HL3 asphalt, installation of 260 m of storm water, water main, and sanitary infrastructure, and installation of 423 m of sidewalk. The project addresses an environmental concern raised by aging infrastructure within 30 m of a main body of water (Mill Pond that feeds the Ouse River). The infrastructure is also identified as critical in the Township's asset management plan.	\$867,215	\$41,452	Ongoing

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Athens, Township of	Isaac Street Rehabilitation	This project in the Village of Athens consists of catch basin repairs, overlay 40mm HL3 hot mix asphalt with milled joints, gutter, sweeping and adjustment risers on Isaac Street from Church Street to Joseph Street, approximately 212m. Isaac Street was nearing the end of its useful life cycle, the slope of the street caused issues in heavy rainfall so we made repairs to the catch basins and installed gutters to direct the water better.	\$26,512	\$26,000	Complete
Local Roads and Bridges	Athens, Township of	Washburn Road Upgrade	The project is for the transformation of Washburn Road from a gravel road to a paved road. This is a 2 year project, with 2020 work consisting of road preparation for 2021 asphalt. The road prep consisted of replacing old culverts, ditching, removing trees and brush to widen the road, and finally building the base for the asphalt with 1,100 m of woven material placed on the road and 1' of granular A & B.	\$162,000	\$65,403	Ongoing
Local Roads and Bridges	Augusta, Township of	Reconstruction/Resurfacing of Cedar Grove Rd, McCully Rd and Hillbrook Rd	Pulverization, reconstruction, culvert and ditching upgrades and repaving of Cedar Grove Road and McCully Road (Skakum Road to CR18). Culvert and ditching upgrades and surface treatment of McCully Road (4th concession to Skakum) and Hillbrook Road (Maple Avenue to 4th Concession).	\$674,187	\$223,062	Complete
Local Roads and Bridges	Aurora, Town of	Reconstruction of Kennedy St, Temperance St, Ransom St and Ransom Ct	Full depth road reconstruction involving concrete curb and gutter, sidewalks, watermain, and sanitary sewers. Low Impact Development (LID) measures are also involved to ensure the storm water saturates the ground close to where it lands - instead of being gathered into storm sewers and transported a fair distance to a storm management pond. Road reconstruction includes Kennedy St from George to Yonge and all of Ransom Street, Temperance Street and Ransom Court, for a total of 0.72 km.	\$2,056,423	\$0	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Aurora, Town of	Henderson Dr Sidewalk Rehabilitation and Drainage Improvements	Improvement of sidewalk and boulevard drainage on Henderson Drive, from the Tamarac Trail to Poplar Crescent, to avoid water pooling and icing in the winter. Work involves moving 1.06 km of sidewalk closer to the street (on the south side only) to address drainage issues behind the existing sidewalk.	\$410,000	\$0	Ongoing
Local Roads and Bridges	Aurora, Town of	Road Rehabilitation of Various Streets	Construction of new roads involving curbs, sidewalks, granular base and asphalt; ditch & drainage improvements; new retaining wall structures & oil/grit separator is installed on the existing storm sewer at the creek crossing; intersection improvements at Leslie St; full depth asphalt replacement; new watermain; sidewalk repairs & ramp improvements for AODA compliance; audible pedestrian signals at the Yonge and Brookland signalized intersection. Total length of rehabilitated roads is 4.8 km	\$11,352,100	\$0	Ongoing
Local Roads and Bridges	Aylmer, Town of	Reconstruction of Victoria street	Design and reconstruct north-east and south-east quadrants of the town on Victoria street extending to Gerard Street and South to South street to improve the condition of the road, while also replacing the sewer and waterworks.	\$280,000	\$246,910	Ongoing
Local Roads and Bridges	Aylmer, Town of	Reconstruction of Clarence St.	Design and reconstruct Clarence St to improve the condition of the road, while also replacing the sewer and waterworks. This reconstruction is from John St S to Dufferin St.	\$1,500,000	\$0	Ongoing
Local Roads and Bridges	Bancroft, Town of	Connecting Link - Reconstruction of Hwy 28 (Monck St)	The project is to complete reconstruction, grading and drainage improvements on Monck St from the western limits of the Town of Bancroft easterly for 1.5 km. Our Road Study found this section to be deficient and in need of immediate improvement. The work will significantly extend the useful life of the roadway and address ongoing drainage problems.	\$2,289,783	\$129,614	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Barrie, City of	Bryne Drive (North) New Road Construction - Harvie Rd to Essa Rd	Construction of the unopened portion of Bryne Drive to 5-lanes, bike lanes and sidewalks between Harvie Road and south of Essa Road. This link will help direct traffic to the new Harvie Crossing of Hwy 400 and away from the Essa and Mapleview interchanges.	\$855,560	\$65,245	Ongoing
Local Roads and Bridges	Barrie, City of	Bayfield Street Resurfacing (Cundles Road to Livingstone Street)	Partial depth resurfacing of Bayfield Street from Cundles Road to Livingstone Street. The intent of partial depth resurfacing is to extend the useful life of the pavement structure by addressing key surface defects, at a higher financial efficiency than all other lifecycle strategies. This new surface will have a service life of 10-12 years and will allow for the continued preservation of the granular structure below the asphalt.	\$1,530,000	\$66,291	Ongoing
Local Roads and Bridges	Barrie, City of	Implementation of Traffic Calming Measures and Active Transportation Infrastructure	This project promotes active transportation and enhances traffic safety in the City. Work involves implementing physical measures to reduce vehicle speeds and volumes on residential roadways and in front of schools (e.g., the installation of radar speed boards across the City, speed cushions on Consort Dr, and other elements) and installing bicycle lanes and urban shoulders to improve connectivity to our existing bicycle network.	\$300,000	\$0	Ongoing
Local Roads and Bridges	Barrie, City of	Early Life Pavement Preservation Pilot Project	Application of Early Life Pavement Preservation techniques such as Reclamite, micro surfacing, slurry sealing and fog sealing to 15.715 km of road. This work extends the life of pavement surfaces in the early stages of deterioration. These pavement preservation techniques involve application of thin, bituminous based products to existing pavement.	\$500,000	\$8,423	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Barrie, City of	Resurfacing Welham Rd, Churchill Rd, Parkside Dr, and Baldwin Ln	<p>Work on Welham Rd and Churchill Dr included full depth pulverization of the existing asphalt pavement as well as grading of the existing granular base and placement of new hot mix asphalt pavement.</p> <p>Work on Baldwin Ln included full depth removal of existing asphalt pavement, grading of the granular base and placement of new hot mix asphalt.</p> <p>Work on Parkside Dr included partial depth removal of existing asphalt pavement and the placement of a new layer of hot mix asphalt pavement.</p>	\$2,450,000	\$592,264	Ongoing
Local Roads and Bridges	Barrie, City of	Dyments Creek Culvert Expansion - Bradford St.	Replacement of an ageing undersized culvert with a larger one. The existing capacity of the culvert is a 5 year storm event. Major storm events result in Bradford Street and adjacent buildings being flooded including the City Waste Water Treatment Facility. The Drainage Master Plan identified the need to upgrade the culvert to ensure conveyance of major storm events. This will help to reduce flooding on private property, at the City Wastewater Treatment Facility and the Bradford Street corridor.	\$223,000	\$28,418	Ongoing
Local Roads and Bridges	Barrie, City of	Mapleview Drive East Improvements - Country Ln to Yonge St	Reconstruction, widening, and urbanization of an existing two lane rural road to a five lane urban cross-section road. Improvements involve new storm sewers, new partial sanitary sewers, a new transmission watermain, and a new multi-use trail.	\$21,635,860	\$3,706	Ongoing
Local Roads and Bridges	Barrie, City of	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. 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.	\$1,720,109	\$26,466	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Barrie, City of	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.	\$614,000	\$1,818	Ongoing
Local Roads and Bridges	Barrie, City of	Road Resurfacing of Several Streets and Anne St Pavement Rehabilitation	Scope of work includes the partial depth asphalt removal and replacement including minor curb and sidewalk repairs. Total lane kilometers of rehabilitated roadway is 23.4km. As well, project includes the full depth asphalt removal and rehabilitation of Anne Street North from Neelands to Sunnidale. The total lane kilometers of rehabilitated roadway is 1.7km.	\$21,824,823	\$3,224,553	Ongoing
Local Roads and Bridges	Barrie, City of	Historic Neighbourhoods Strategy - Allandale B Neighbourhood Renewal	1.5 km of Holgate Street, William Street and Granville Street are being reconstructed to replace the roadway structure that has outlived its life cycle. The project includes full reconstruction of the infrastructure within the street right-of-way including the roadway, sidewalk, sanitary sewer, storm sewer, watermain, street lights and boulevards.	\$11,076,303	\$0	Ongoing
Local Roads and Bridges	Barrie, City of	Reconstruction and Watermain Replacement on Glen Echo Dr & College Cres.	Reconstruction and watermain replacement on Glen Echo Drive on College Cres. as well as College Cres. from Lonsdale Pl to Nelson Street. Work involves the installation of 525 linear metres of 150 mm PVC watermain including the replacement of all residential services. Full depth road reconstruction of 500 m of roadway including the granular base as well as the replacement of 1000 linear metres of concrete curb and 1000 linear metres of concrete sidewalk.	\$1,232,397	\$331	Ongoing
Local Roads and Bridges	Barrie, City of	Road and Sub-surface Infrastructure Replacement on Several Roads	Various road reconstruction projects: 1.3 lane km of new asphalt, 748 m of sidewalk, 1,566 m of wastewater, 1,177 m of stormwater, and 1,611 m of new watermain on Mapleview (from Huronia to Country Lane).	\$19,465,352	\$137,443	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Barrie, City of	Road Resurfacing of Several Streets	Various road resurfacing projects, which preserved the roads and improved the PCI and ride comfort of each of the roads. Upon completion of the construction, these roads were improved to very good condition. The work included 3.1 km of resurfacing and new asphalt.	\$4,293,237	\$112,331	Ongoing
Local Roads and Bridges	Bayham, Municipality of	Resurfacing Vienna Line Road	Vienna Line was rehabilitated between Woodworth Road and Brown Side Road. This section of road was severely deteriorating and experiencing drainage issues as well. Work involved pulverizing the surface, adding granular material, and resurfacing with a double coat of tar and chip.	\$454,416	\$224,373	Complete
Local Roads and Bridges	Beckwith, Township of	Resurfacing High Street	Pavement covering a 1.8 km stretch of High Street (the portion of High Street lying in the Township) is being pulverized, reused, and replaced with new asphalt. Required shouldering is also being completed.	\$169,206	\$169,206	Complete
Local Roads and Bridges	Beckwith, Township of	Gillies Corners Side Road - Reconstruction and Surface Treatment	An estimated 2.2 km of Gillies Side Road is being reconstructed and upgraded from gravel to surface treatment.	\$223,673	\$223,673	Complete
Local Roads and Bridges	Belleville, City of	Road Resurfacing of Multiple Streets	Milling and resurfacing with new top asphalt pavement (and/or milling and tar and chip) of multiple streets totaling approximately 35.5 lane-km. Roads were prioritized based on the City's most recent Roads Need Study.	\$2,493,285	\$1,973,294	Complete
Local Roads and Bridges	Belleville, City of	Reconstruction of Avondale Rd - Dundas to Harder	The project involves the reconstruction of Avondale Road with curbs and gutters, a new road base and asphalt. A section of sanitary sewer is being replaced to address a section of pipe which has minimal grade. The section of Avondale Road between Aldersgate Drive and Harder Drive is also designated as an "on-street" bike route within the City's Transportation Master Plan, so bike lanes would be included on this stretch.	\$4,230,000	\$1,937,354	Ongoing
Local Roads and Bridges	Belleville, City of	Road Resurfacing - Moira St. W & Ponton St.	Resurfacing of Moira St West (from Sidney St. to Howard St.) and Ponton St (from Moira St to Lewis St) upon completion of the water and wastewater main work.	\$936,382	\$454,943	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Belleville, City of	Harmony Road Bridge - Expansion Joints Replacement	Rehabilitation needed to the bridge include; replacement of the expansion joints, re-do the wabo-crete and asphalt approaches. Traffic control will be required for the duration of the project.	\$225,429	\$185,377	Complete
Local Roads and Bridges	Belleville, City of	Construction of a Paved Shoulder on Maitland Drive	To add a paved shoulder on Maitland Drive, from Sidney St to Hwy 62, to allow for better and safer pedestrian traffic.	\$490,510	\$0	Complete
Local Roads and Bridges	Belleville, City of	Sidney Street Corridor Improvements	This project involves the reconstruction of the Sidney Street intersections with Bell Blvd and Tracey / Tracey Park Dr to provide additional turning lanes and the widening of Sidney Street between the two intersections. This project also includes the replacement of the existing water main from Maple Drive to Bell Boulevard and the resurfacing of Sidney Street from Maple Drive to Tracey Street.	\$7,250,000	\$1,870,196	Ongoing
Local Roads and Bridges	Belleville, City of	Replacement of the Catherine Street Pedestrian Overpass	In July 2018, the Catherine Street Pedestrian Bridge had to be closed for public safety due to its rapid deterioration. The bridge will be replaced and the new bridge will feature a much wider structure with both decorative and pedestrian lighting thus improving public safety.	\$4,058,000	\$34,598	Ongoing
Local Roads and Bridges	Billings, Township of	Hard Surfacing and Rebuilding Maple Point Road and Range A Sideroad	The Town hard surfaced 2 km of Maple Point Road and rebuilt 2 km of Range A Sideroad in 2019. Work progressed into 2020 to hard surface and rebuild 1 km of Range A Sideroad, and is continuing into 2021 to hard surface and rebuild an additional 1 km of Range A Sideroad.	\$119,457	\$45,147	Ongoing
Local Roads and Bridges	Black River-Matheson, Township of	Connecting Link Fourth Avenue Resurfacing	Approximately 500 m of 4th Ave was resurfaced. Work addressed safety related issues, extended the service life of the roadway, improved pavement conditions, and improved drainage (with improvements to curb and gutters, storm sewers etc.) The roadway did not meet the minimum standards for maintenance prior to this investment. The rehabilitation of the roadway structure and resurfacing has extended the life cycle of the asset.	\$514,882	\$51,488	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Blandford-Blenheim, Township of	Hard Surfacing Township Road 2	The project involves hard surfacing Township Road 2 from the outskirts of Princeton to Blenheim Road. This road has seen an increase in vehicle traffic. Hard surfacing the road ensures that the integrity of the road stays in safe operating status for our residents as well as those using the roads for through ways to local businesses.	\$167,659	\$167,659	Complete
Local Roads and Bridges	Blandford-Blenheim, Township of	Hard Surfacing Hubbard Road	Hubbard Road is being hard surfaced from Oxford Road 29 to Township Road 9, and Township Road 8 is being hard surfaced to connect the 2 sections of Hubbard Road.  This section of road has seen an increase in vehicle traffic. Hard surfacing Hubbard Road ensures that the integrity of the road stays in safe operating status for our residents as well as those using the roads for through ways to local businesses.	\$162,209	\$162,209	Complete
Local Roads and Bridges	Blind River, Town of	Resurfacing Granary Lake Road	This project was to resurface two sections of Granary Lake Road. The first section ran north from High Road (at 298 Granary Lake Road) to 744 Granary Lake Road for 2.2 km. The second section ran north from the northern intersection of Granary Lake Road and Jensen Road for 3 km. These two sections were found to be in poor condition during our last roads assessment. Resurfacing was required to ensure the continued safety for those using the road.	\$281,479	\$210,655	Complete
Local Roads and Bridges	Bonnechere Valley, Township of	Reconstruction of Augsburg Road	Work involves ditching 2.3 km of Augsburg Road (approximately from civic address 406 to civic address 509) to improve drainage, digging out the base of road to build it up with geocloth, 4" minus and A gravel, scarifying and adding A gravel to prep for asphalt, and applying HL4 asphalt to the top. This will make the road safer for pedestrians and vehicle traffic.	\$463,741	\$111,455	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Bracebridge, Town of	Salmon Avenue Extension	The project is the extension of Salmon Avenue from its existing terminus to 400 m westerly. The main objective was to service a future Multi-Use Community Centre (south side) and private commercial land (north side). The road was built to a full-urban standard. It included one vehicle travel lane in each direction and a continuous centre left-turn lane, as well as one dedicated on-street bike lane in each direction. It also included a 3.0m paved multi-use pathway on the south side of the street.	\$4,600,000	\$1,064,769	Ongoing
Local Roads and Bridges	Bradford West Gwillimbury, Town of	Rehabilitation of Urban Roads (SW Quadrant)	New watermain installation on Valleyview Crescent, Maurino Court, and Maplegrove Avenue. Partial depth and full depth road reconstruction on Valleyview Crescent. Road resurfacing on Maurino Court, Maplegrove Avenue, Collings Avenue, Maple Court, and Gordon Court. Sidewalk repairs and curb replacement on Valleyview Crescent, Maurino Court, Maplegrove Avenue, Collings Avenue, Maple Court, and Gordon Court.	\$6,560,000	\$0	Ongoing
Local Roads and Bridges	Brampton, City of	Rehabilitation of Five Local Roads	The project involves the rehabilitation of deficient curb, sidewalk, storm sewers, and driveway aprons on five local roads (approximately 52.066 lane-km in length). Work also involves rebuilding and/or adjusting catch basin and maintenance hole frames/lids within the roadway. Pavement is being resurfaced with an 80-90 mm asphalt overlay, with full asphalt removal/expanded asphalt utilized when appropriate. Resurfacing extends the life of the roads for 15-20 years.	\$15,000,000	\$6,866,699	Ongoing
Local Roads and Bridges	Brampton, City of	Road Resurfacing Infrastructure	Complete rehabilitation of roadways, including the removal and replacement of all deficient, pavement, curbs, sidewalks, storm sewers and driveway aprons on 46 individual streets segments, which represents 47.2 lane kilometers in length. Work also involves the rebuilding of all catch basins, maintenance holes, water chambers and utility valves.	\$14,000,000	\$123,112	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brampton, City of	Installation of Active Transportation Infrastructure	This projects involves infrastructure improvements to facilitate/promote active transportation throughout the city. The project will make it safer for people traveling on foot or by bike by enhancing existing facilities, including: 21 school crossing upgrades; 32 new pedestrian crossings where valley recreational trails meet low volume roadways; 4 midblock pedestrian and bicycle signals; 2 km of multi-use path along the City's Priority Cycling Network; and, 2.7 km of new bike lanes.	\$2,000,000	\$389,199	Ongoing
Local Roads and Bridges	Brampton, City of	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.	\$12,513,000	\$60,039	Complete
Local Roads and Bridges	Brampton, City of	Modernization of Traffic Signals	Modernization to upgrade aging traffic signals to current standards to improve safety, accessibility and the overall appearance of the intersection. Safety enhancements such as sightlines, pedestrian accessibility, and traffic signal phasing will be included in the modification of the signals. The following 5 intersections will be upgraded: McLaughlin Rd & Brookview Rd, Williams Pkwy & Royal West Dr, Williams Pkwy & Elbern Markell Dr, Clark Blvd & Walker Dr, and Vodden St East & Laurelcrest St.	\$600,000	\$14,429	Ongoing
Local Roads and Bridges	Brampton, City of	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.	\$11,610,000	\$170,855	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brampton, City of	Bridge Rehabilitation	The bridge repairs program is required to maintain bridges to minimum standards. Ongoing bridge maintenance and rehabilitation will result in extended asset life. Under 144230 Capital project, approach ramp of the Truman Street Pedestrian bridge over CN railway is replaced as the old ramp was severely deteriorated and failed. Also under same capital project Elgin Drive over Etobicoke Creek bridge superstructure is non-repairable.	\$7,723,000	\$51,131	Ongoing
Local Roads and Bridges	Brampton, City of	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.	\$8,400,000	\$186,123	Complete
Local Roads and Bridges	Brant, County of	Rehabilitation of Ayr Road	This project is for the rehabilitation of Ayr Rd (from Watts Pond Rd to Brant-Waterloo Rd). Activities include cold in-place recycling of existing asphalt pavements, hot mix overlay, concrete curb and gutter, granular shouldering and installation of upgraded safety devices. Ayr Rd is a major arterial road that is in need of rehabilitation due to its poor condition. This project will also improve safety of the roadway for both motorists and cyclists.	\$1,803,099	\$1,787,646	Complete
Local Roads and Bridges	Brant, County of	Reconstruction of Branchton Road & McLean School Road	This project is for the rehabilitation of Branchton Rd (from McLean School Rd to Lockie Rd) and McLean School Rd (from Branchton Rd to St. George Rd). Activities include the pulverization of existing surface treated pavements, hot mix overlay, ditching, granular shouldering and installation of upgraded safety devices. Rehabilitation is needed as both roads carry more traffic due to growth in the area. In addition, the conversion from surface treated to hot mix asphalt improves roadway safety.	\$1,527,173	\$1,494,106	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brant, County of	Rehabilitation of Puttown Road & Baptist Church Road	This project is for the rehabilitation of Puttown Road (from King Edward Street to Governors Road West) and Baptist Church Road (from McBay Road to 1 km west of County Road #22). Activities include cold in-place recycling of existing asphalt pavements, hot mix overlay, concrete curb and gutter installation, granular shouldering and installation of upgraded safety devices. Rehabilitation is needed as both roads carry more traffic due to growth in the area.	\$1,887,579	\$114,925	Complete
Local Roads and Bridges	Brantford, City of	Governors Rd and Park Rd N Intersection Improvements	Intersection improvements at Governors Road and Park Road North. The existing traffic control signal requires complete replacement due to aging. Obsolete equipment prevents the installation of traffic signal management software which prevents monitoring and signal operation and signal timing adjustments.	\$200,000	\$5,827	Ongoing
Local Roads and Bridges	Brantford, City of	Citywide Replacement of Sidewalks	City wide replacement of 6,552 sq. m of sidewalk. The work plan was determined through sidewalk assessment updates conducted by the City's Operational Services department. Depending on the condition of the existing sidewalks, the remediation work will involve either full street or block replacement construction or individual locational slab and/or curb replacement.	\$881,522	\$246,765	Ongoing
Local Roads and Bridges	Brantford, City of	Road Restoration on Powerline Rd, Birkett Lane, Garden Ave & Others	Road restoration and drive-ability enhancements on Powerline Rd, Birkett Lane, Garden Ave, Eddy Ave, Fulton St, Sussex Ave, Shaftsbury Ave, Wiltshire Dr, and Lloyd St (approximately 4.2 km in total). Activities include shave and pave and re-profiling of asphalt surfaces.	\$650,000	\$500,000	Complete
Local Roads and Bridges	Brantford, City of	Resurfacing of Glenwood Drive, Banbury Road, and Gilkison Street	This project is for the resurfacing of Glenwood Dr, Banbury Rd, Gilkison St, and other smaller sections of City roads. The road sections total 26.8 km in length, were selected based on available condition information (all have a PCI of 40 or less), and required partial asphalt removal and an overlay to extend their service life.	\$1,500,000	\$1,121,761	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brantford, City of	Reconstruction of St Paul Ave, Elmwood Ave, and Alpha Cres	Road portions of the reconstruction of road and water infrastructure on St Paul Ave (from Charing Cross St to Wood St), Elmwood Ave (from King George Rd to St Paul Ave), and Alpha Cres (approximately 1.5 km in total). The need for this project is driven by the condition and age of the watermain and the roadway.	\$2,912,000	\$12,452	Ongoing
Local Roads and Bridges	Brantford, City of	North West Industrial Area Roadway Improvements	Restoration and resurfacing (including curb repairs) of approximately 5.98 km of roads. These roads are in poor condition and require partial asphalt removal and an overlay to improve the road quality and extend the service life. Sections include Hardy Road, Ferrero/Savannah Oaks and Fen Ridge Crt.	\$975,000	\$555,571	Ongoing
Local Roads and Bridges	Brantford, City of	Active Transportation Infrastructure Improvements	These are initiatives to increase active transportation throughout the City. One component is to provide on-road cycle lanes in both directions on Memorial Drive (5.4km), Erie Ave (4.6km), Hardy Road (6.5km), Grey Street (4.5km), Ballantyne Drive (3.4km) and Conklin Road (2.9km). A second component is to covert existing granular trails and tar and chip trails to asphalt multi-use paths on Wayne Gretzky Pkwy and Shellard Lane for a total 13.4 km.	\$355,000	\$12,846	Ongoing
Local Roads and Bridges	Brantford, City of	Rehabilitation/Replacement of TH&B and Brant's Crossing Bridges	The first phase is an environmental assessment at the TH&B and Brant's Crossing bridges which will identify, assess and review the long term options for the two crossing points across the Grand River and the structures which currently exist at the two locations. Rehabilitation and replacement options for both bridges will be identified and will become the second phase of this project.	\$3,855,000	\$166,044	Ongoing
Local Roads and Bridges	Brantford, City of	Citywide Replacement of Sidewalks	City wide replacement of 4,850 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.	\$500,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brantford, City of	Road Restoration on Summerhayes, Park Rd N, Gretzky Pkwy, Greenwood & Others	Roadway restoration and drive-ability enhancements on the following roads: Summerhayes, Park Rd N, Wayne Gretzky Pkwy, Greenwood Trail, Regent, Downing, Devon & Cornwall, Henderson and Third. Total length of restoration is approximately 2.77 km. Activities included shave and pave and re-profiling of asphalt surfaces.	\$500,000	\$63,605	Complete
Local Roads and Bridges	Brantford, City of	Resurfacing Barnes Ave, Thorton Dr, Trimdon Ave and Grove Cres	This project is for the resurfacing of Barnes Ave, Thorton Dr, Trimdon Ave, and Grove Cres. The four road sections total 1.5 km in length, were selected based on available condition information (PCI < 40), and required partial asphalt removal and an overlay to extend their service life.	\$1,000,000	\$2,831	Complete
Local Roads and Bridges	Brantford, City of	Road Restoration on Brant Ave	Project includes partial depth road restoration on Brant Ave from St Paul Ave to Dalhousie St (1,410 m). Project driver is the future traffic volume on Brant Ave due to construction projects along St Paul Ave and the downtown revitalization project. The road section scored a fair to poor rating from the 2014 roadway condition survey. Since January 2010, Operational Services have repaired an estimated 642 separate road defects just to address minimum maintenance standards.	\$1,025,000	\$10,831	Complete
Local Roads and Bridges	Brantford, City of	Road Resurfacing on Oriole Parkway	Road resurfacing project on Oriole Parkway from Beechwood Ave to Ivanhoe Road. The need for this project is driven by poor road conditions with an average PCI of 37. The total length of this project is approximately 759 m. This project was identified by Capital Planning and Engineering staff during the annual roads needs review in 2013.	\$517,000	\$2,159	Complete
Local Roads and Bridges	Brantford, City of	Road Resurfacing on Old Farm Road	Road resurfacing on Old Farm Road (Oriole Parkway to Powerline Road) including Hidden Court. The need for this project is driven by poor road conditions identified through operational input. The total length of this project is approximately 295 m. The road segments have an average PCI rating of 25. Since 2003 there have been 28 work orders generated for crack filling and pot holes.	\$203,000	\$314	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brantford, City of	Reconstruction of Herbert Street	Reconstruction of road surface on Herbert Street (full). The need for this project is driven by poor road conditions identified through operational inputs. The total length of the project is approximately 850 m. The road segments have an average PCI rating of 55.5. Since 2003 there have been 99 work orders generated pertaining to crack filling or pot holes.	\$936,000	\$250,101	Ongoing
Local Roads and Bridges	Brantford, City of	Reconstruction of portion of St Paul Ave, Albion St, Wayne Gretzky Pkwy and Road Resurfacing	Road portion of full reconstruction of road and underground services on St Paul Ave, Albion St, Wayne Gretzky Pkwy, as well as resurfacing of other designated roads. The need for these projects is driven by the poor condition of certain underground infrastructure. The total length of restored roadways is approximately 3,000 linear metres.	\$2,612,000	\$207,188	Ongoing
Local Roads and Bridges	Brantford, City of	Active Transportation Infrastructure Improvements (Mohawk St & S.C. Johnson Trails)	These are initiatives to increase active transportation throughout the City. One aspect of the project widens 2 km of Mohawk Street (from Greenwich St to Morrison Road) to provide on-road cycle lanes in both directions. A second component continues the conversion of existing granular trails, tar and chip trails, and access ramps to asphalt on the S. C. Johnson Trail in Waterworks Park to improve accessibility and expand usage.	\$455,000	\$4,445	Ongoing
Local Roads and Bridges	Brantford, City of	Downtown Streetlight Improvement Project	Based on the 2006 Downtown Streetlight Improvements Report, approximately 250 poles in the downtown area are being replaced over a five year period. Funding has been identified to update the 2006 Study, undertake public consultation if required, and design the implementation program for the conversion to LED.	\$50,000	\$0	Ongoing
Local Roads and Bridges	Brantford, City of	Resurfacing Beechwood Ave, Canary Dr, Colborne St and Dalhousie St	This project is for the restoration and resurfacing of Beechwood Ave (from Ashgrove Ave to the end), Canary Dr (from Waxwing Way to the end), Colborne St (from Clarence St to Rawdon St), and Dalhousie St (from Clarence St to Stanley St). The four road sections total 2.4 km in length, were selected based on available condition information (PCI < 40), and required partial asphalt removal and an overlay to extend their service life.	\$1,140,000	\$41,612	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brantford, City of	Bridge Repairs to CN Rail Trail Bridge #1 and West Street Subway	The CN Rail Trail Bridge #1 and West Street Subway (between Grey St & Buffalo St) are in poor condition and require rehabilitation. Work on the CN Rail Trail Bridge #1 involves replacement of existing timber ballast and wing walls at both east and west banks with new armour stone and precast units. Work on the West St Subway involves replacement of the existing metal guard rail on the east and west side retaining walls with chain link fencing & replacement of guard rails; new gates & handrails.	\$125,000	\$0	Ongoing
Local Roads and Bridges	Brantford, City of	Reconstruction of St Paul Ave, Shellard Lane, Hayhurst Rd, Sunset Ave, Watson Ave & Frank St	Road portions of the full reconstruction of road, water, sanitary and storm infrastructure on St Paul Ave, Shellard Ln, Hayhurst Road, Sunset Ave, Watson Ave, and Frank St. The need for these projects is driven by the poor condition of watermains, wastewater sewers and stormwater sewers. The total length of all five road sections restored within this project is approximately 3,890 linear m and represents a total of 9.54 lane km.	\$14,650,000	\$562,773	Complete
Local Roads and Bridges	Brantford, City of	Resurfacing & Watermain Replacement on North Park St - Dundas to Charing Cross	Full road resurfacing and watermain replacement on North Park St from Dundas St to Charing Cross St (approximately 860 m, representing 3.11 lane km). Originally constructed between 1967 and 1990, the road segments have an average PCI of 78. Since 2003, 67 work orders have been generated for cracks or pot holes. The watermains, constructed from 12 to 91 years ago, have an internal diameter of 150 mm and there has been 1 recorded break since 2003 and 2 prior to 2003.	\$2,928,100	\$5,148	Complete
Local Roads and Bridges	Brantford, City of	Garden Avenue Bridge Rehabilitation	Undertaking rehabilitation/remediation structural repairs to piles and footings on the Garden Avenue Bridge to stabilize the bridge abutment and alleviate concerns regarding movement. The bridge is being monitored, and a design for major reconstruction is completed and will be activated when the monitoring warrants additional action.	\$250,000	\$4,116	Ongoing
Local Roads and Bridges	Brethour, Township of	Replacement of Culverts in Township	Fourteen culverts that were deteriorating across the Township of Brethour were replaced to restore proper water flow and maintain the good condition of the roads.	\$18,016	\$18,016	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brighton, Municipality of	Urban Sidewalk Rehabilitation	The project is for the rehabilitation of 3,112 sq. m of urban sidewalk. Work involves removal and reinstallation. The rehabilitation is taking place throughout the urban section of the municipality.	\$328,042	\$133,200	Ongoing
Local Roads and Bridges	Brock, Township of	Rehabilitation of Bridge #28 on Concession 6 (Thorah)	This project is for the rehabilitation of the bridge deck, concrete repair to fascia, soffit, abutments and wingwalls as well as concrete crack repair. A three beam barrier and guide rail approaches (including end treatments) are also being installed to extend the useful life of the bridge structure on Concession 6 (Thorah).	\$475,000	\$364,948	Complete
Local Roads and Bridges	Brock, Township of	Rehabilitation of Bridge #22 on Concession Rd 2	This project is for the replacement of expansion joints, rehabilitation of concrete on soffits and girders, and overlay, waterproofing and paving of the bridge deck to extend the useful life of the bridge structure on Concession Rd 2.	\$1,000,000	\$801,900	Ongoing
Local Roads and Bridges	Brock, Township of	Rehabilitation of Bridge #34 on Concession Rd 2	This project is for the replacement of railings and rehabilitation of concrete in soffits to extend the useful life of the bridge on Concession Rd 2.	\$250,000	\$0	Ongoing
Local Roads and Bridges	Brock, Township of	Rehabilitation of Bridge #40 on Sideroad 17A	This project is for the rehabilitation of concrete in abutment walls and soffits to extend the useful life of the bridge structure on Sideroad 17A.	\$210,000	\$192,678	Ongoing
Local Roads and Bridges	Brock, Township of	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. The life cycle of the bridge will be extended by a minimum of 25 years.	\$1,150,000	\$0	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brockville, City of	Traffic Signal Controller Replacement	<p>There are 28 signalized intersections in the City, each with one traffic controller. The City replaces traffic controllers annually to maintain a 14 year life cycle for each. Two are being replaced under this project.</p> <p>Traffic controllers take input from traffic detection devices to determine the frequency and duration of vehicle and pedestrian traffic phases. This project ensures that signalized intersections continue to provide safe conditions for pedestrians and vehicles.</p>	\$95,000	\$14,112	Ongoing
Local Roads and Bridges	Brockville, City of	Resurfacing Local Roads	<p>City staff assess every road in Brockville annually and target rehabilitation to roadways with the worst condition ratings. In 2020, the City milled and paved over 5 lane-km of local roads (Parkedale, Millwood, Windsor, Crocker, Jefferson Charlotte, Front, Jail and King Street East) and reconstructed roughly 130 m of concrete curb on Parkedale and Jefferson. This work extends the overall life of road pavement structures and ensures the continued safety of vehicles and pedestrians.</p>	\$775,498	\$650,000	Complete
Local Roads and Bridges	Brockville, City of	Gilmour Street Reconstruction	<p>The underground infrastructure on Gilmour Street is historic. The water main on the street was constructed in the 1890s and the storm and sanitary sewer sewers in the early 1900s. The 150 mm diameter water main is made of cast iron while the sanitary and storm sewers are constructed of vitrified clay. With infrastructure of this age and material, there are inherited health and safety problems. Older cast iron water mains are known to be susceptible to interior encrustation, for example.</p>	\$945,000	\$0	Ongoing
Local Roads and Bridges	Brockville, City of	Garden Street Reconstruction	<p>Reconstruction of 270 m of water main, sewer main and storm main on two blocks of Garden Street. Work involved installing new PVC mains (replacing the old clay and cast iron mains), new concrete sidewalks and curb, and new asphalt roads, as well as restoring all driveways, walkways and sod. Federal funding has allowed the project to proceed and modernization of city infrastructure to take place in turn, reducing the probability of future failure.</p>	\$824,531	\$80,958	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Brockville, City of	Asphalt Concrete Paving and Milling	<p>The City is rehabilitating approximately 6 lane-km of road to maintain safe walking and driving surfaces. Work involves milling and hot mix paving - along with concrete sidewalk and curb reconstruction where necessary.</p> <p>Brockville maintains 248 km of driving lanes and 110 km of sidewalk. Every road is assessed annually and rated using a modified version of the MTO Road Rating system. Roadways with the worst condition ratings are rehabilitated.</p>	\$780,000	\$0	Complete
Local Roads and Bridges	Brockville, City of	Bartholomew St. Reconstruction	The work includes the reconstruction of storm sewers, sanitary sewers, watermains and service laterals. The existing roadway will be reconstructed including granular material, asphalt, pavement, concrete curb and gutter, concrete sidewalks and restoration work.	\$845,000	\$0	Complete
Local Roads and Bridges	Brockville, City of	William Street CNR Overpass Rehabilitation	Bridge repairs or replacements are identified during Biennial inspections performed by a structural engineer. William Street CNR Overpass has been identified as requiring replacement of expansion joints and abutment bearing seats, as well as structural repairs to the ballast walls and abutment stems.	\$500,000	\$0	Ongoing
Local Roads and Bridges	Brockville, City of	Construction of Brock Trail	The construction of Brock Trail, a multi-use active transportation pathway connecting the south end of Brockville with the north end, will enable and promote active transportation throughout Brockville. The route covers approximately 8 km of trail and includes paved bike lanes as well as bridges.	\$2,221,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Bruce, County of	Surface Reconstruction of County Road 4 from Sideroad 20 Westerly for 810 Meters	<p>Surface reconstruction of County Road 4 from Sideroad 20 westerly for 810 m with 150 mm of recycled existing asphalt and 150 mm of new asphalt.</p> <p>This local infrastructure was in need of renewal before further deterioration rendered it to be beyond rehabilitation or possibly unsafe for road users. The poor condition of this road meant that it was in need of rehabilitation in order to meet the ongoing transportation requirements of the County.</p>	\$422,288	\$416,175	Complete
Local Roads and Bridges	Bruce, County of	Surface Reconstruction of County Road 3 between Brant-Elderslie Road and Cargill Corners	<p>Surface reconstruction of Bruce County Road 3 between 300 m north of Brant-Elderslie sideroad and Cargill Road with 100 mm of recycled asphalt and 100 mm of new asphalt.</p> <p>This local infrastructure was in need of renewal before further deterioration rendered it to be beyond rehabilitation or possibly unsafe for road users. The poor condition of this road meant that it was in need of rehabilitation in order to meet the ongoing transportation requirements of the County.</p>	\$1,838,574	\$1,595,290	Complete
Local Roads and Bridges	Bruce, County of	Installation of Street Lights at County Road 20 and Farrell Drive	New street lights are being installed to provide increased visibility and to improve the safety of the crossing for local residents and businesses. The crossing is a high traffic area due to a large local employer.	\$41,682	\$0	Complete
Local Roads and Bridges	Brudenell, Lyndoch and Raglan, Township of	Reconstruction of Little Ireland Road	A 1.3 km section of Little Ireland road has exceeded its expected life and requires reconstruction. A 0.7 km section of the existing pavement is being pulverized and Quarry A is being applied.	\$75,878	\$75,878	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Burlington, City of	Coldstream Dr Area Reconstruction	The main objective of this project is to improve roads in the Coldstream Drive area (including Coldstream Drive, Manchester Drive, Leominster Drive, Middlesmoor Crescent, and Sherburne Drive) to encourage productivity and economic growth. Work involves pavement construction, asphalt and sod restoration and other works to ensure safer and better conditions to support active methods of travel.	\$5,969,500	\$1,673,340	Ongoing
Local Roads and Bridges	Burlington, City of	Lomond Crescent Area Reconstruction	This project supports sustainable infrastructure and a resilient environment. Work involves constructing and renovating assets in on Lomond Crescent (from Longmoor Drive to Inverary Road) and Ayr Place - and specifically the reconstruction of roadways, driveways and boulevards, the replacement of the asphalt, curbs and gutters, the replacement of the watermain and wastewater main, etc.	\$2,901,400	\$1,284,197	Ongoing
Local Roads and Bridges	Burlington, City of	Canterbury Drive Area Reconstruction	The City of Burlington is working with Halton Region to achieve road improvements in the Canterbury Drive Area (Buckingham to Tyandaga, Agincourt & Chippendale) to encourage productivity and economic growth, and is replacing sidewalk to ensure safer and better conditions to support active methods of travel. Work involves full depth asphalt replacement, curb and gutter replacement, streetlighting upgrades, renewal of the storm sewer system, and new watermain installation and servicing.	\$6,171,749	\$1,457,400	Ongoing
Local Roads and Bridges	Burlington, City of	Enhancement and Preservation of Pavement	The main objective of this project is to preserve and enhance local roads. Roads selected for preservation and enhancement are those with a PQI (Pavement Quality Index) between 50 and 75. The budgeted/estimated length is about 130 km.	\$423,642	\$86,705	Ongoing
Local Roads and Bridges	Burlington, City of	New Street Resurfacing - Walkers to Burloak	The objective of this project is to enhance the road surface of New Street in order to keep the asset in a good state of repair and to encourage productivity and economic growth.	\$4,631,518	\$2,509,718	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Burlington, City of	Waterdown Road North Rehabilitation	The main objective of this project is to improve the traffic capacity of Waterdown Road North from Craven Ave to Mountain Brow Rd. Construction consists of road widening to accommodate an ultimate four lane cross-section. The road will be striped as a 3 lane cross section until traffic volumes increase.	\$1,148,000	\$75,163	Ongoing
Local Roads and Bridges	Burlington, City of	Reconstruction of Deer Run Ave	To reconstruct Deer Run Avenue including full depth asphalt replacement, full curb replacement, localized sidewalk replacement, and storm sewer storm rehabilitation.	\$2,901,400	\$0	Ongoing
Local Roads and Bridges	Burlington, City of	Reconstruction of Rexway Drive	To reconstruct Rexway Drive, including full asphalt and curb replacement, localized sidewalk replacement and storm sewer rehabilitation, full watermain and water service replacement, and wastewater main and lateral replacement.	\$10,937,000	\$50,296	Ongoing
Local Roads and Bridges	Burlington, City of	Lakeshore Rd Resurfacing - Walkers to Appleby	Lakeshore road resurfacing from Walkers to Appleby, including rehabilitating curb, maintenance holes and catch basin settlements, rehabilitating sidewalk on the north boulevard, and replacing the existing asphalt path on the south boulevard with a concrete sidewalk.	\$1,850,000	\$0	Ongoing
Local Roads and Bridges	Burlington, City of	Wolfe Island Bridge Rehabilitation	Wolfe Island Bridge rehabilitation, including soffit repairs and demolition of exposed rebars to improve the safety of the public.	\$990,000	\$223,481	Ongoing
Local Roads and Bridges	Burlington, City of	Minor Reconstruction of Multiple Roads (Malcolm Cresc. etc.)	Road resurfacing is necessary where significant deterioration of the pavement condition (i.e. surface distress and/or riding comfort) has occurred. These resurfacing and minor reconstruction projects 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.	\$29,037,779	\$190,122	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Burlington, City of	Road Resurfacing and Minor Construction Works - Various Locations	Road resurfacing is necessary where significant deterioration of the pavement condition (i.e. surface distress and/or riding comfort) has occurred. These resurfacing and minor reconstruction projects typically involve the removal and replacement of 100 mm of asphalt, installation of a heavy-duty binder, and other minor rehabilitation to storm sewers, curb and gutter, and sidewalks. About 2.87 km of roads are being resurfaced in this project.	\$7,302,300	\$0	Ongoing
Local Roads and Bridges	Burpee and Mills, Township of	Harper/Caldwell Corner Upgrades	The Harper/Caldwell corner on Union Road requires straightening. There is a driveway located with direct access to the sharpest part of the corner. The roadway requires a slight relocation to alleviate visibility concerns for the property owner as well as providing a direct line of sight to those accessing this road.	\$39,000	\$35,010	Ongoing
Local Roads and Bridges	Caledon, Town of	Rehabilitation or Reconstruction of Multiple Roads	Four road sections totalling 5.1 km in length are being rehabilitated or reconstructed: Mississauga Road (Beechgrove Sideroad to Queen Street West), Patterson Sideroad (Innis Lake Road to Centreville Creek Road), Creditview Road (Boston Mills Road to Kennedy Road), Castlederg Sideroad (Centreville Creek Road to The Gore Sideroad). Roads were selected based on their PCI, traffic volumes, and future demands. Work involves resurfacing, widening, and shoulder and drainage improvements.	\$5,622,261	\$4,391,721	Complete
Local Roads and Bridges	Caledon, Town of	Replacement of a Bridge on Innis Lake Road	The objective is to ensure that the Town's bridges and culverts are maintained in a state of good repair so as to maintain usability and safety. Based on the results of biennial inspections, a bridge on Innis Lake Road (located 1.27 km south of Old Church Road) is being replaced.	\$1,567,035	\$1,555,054	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Caledon, Town of	Rehabilitation or Reconstruction of Multiple Growth Related Roads	3 road sections totaling 6.5 km; The Grange Side Road (McLaren Road to McLaughlin Road and Kennedy Road to Horseshoe Hill Road), and Chinguacousy Road (King Street to Boston Mills Road). Selection based on PCI, traffic volumes, and future demands. Asphalt platform resurfacing and widening, asphalt shoulders, roadway granular padding, shoulder strengthening, asphalt pulverization, road reconstruction, drainage improvements, and grading works.	\$9,263,864	\$18,102	Ongoing
Local Roads and Bridges	Caledon, Town of	Replacement/Rehabilitation of Culverts	The objective of the project is to ensure that the Town's bridges and culverts are maintained in a state of good repair so as to maintain usability and safety. The Town has an inventory of bridges and culverts, most of which are in need of replacement or rehabilitation. Based on the results of biennial inspections the following culverts are being repaired or replaced: Centreville Creek Culvert and Chinguacousy culverts located 0.45 km, 0.9 km and 1.1 km south of Old School Road.	\$2,465,354	\$1,925,371	Complete
Local Roads and Bridges	Caledon, Town of	Rehabilitation/Reconstruction of Albert St/Quarry Dr/Mount Hope Rd/George Bolton Pkwy	This program is for three roads totaling approximately 3 km; Albert Street (James Street to John Street), Quarry Drive, Mount Hope Road (Cedar Meadows Lane to 300 m South of Hunsden Sideroad) and George Bolton Parkway. It addresses roads identified for repair though the Pavement Condition Index (PCI), traffic volumes, and in coordination with Peel Region. Work involves roadway granular padding, asphalt resurfacing, drainage, and a roadside multi-use trail.	\$2,705,644	\$764,480	Ongoing
Local Roads and Bridges	Caledon, Town of	Rehabilitation and Reconstruction of Two Non-OSIM Structures	Rehabilitation of the two highest priority Non-OSIM structures: the Grange Side Road 0.7 km west of Mountainview Road, and Finnerty Side Road 0.3 km west of The Gore Road. Identified sections of the roads are essentially "slipping" and require correction in various forms of engineering and construction - typically culvert replacements and slopes stabilization.	\$1,071,993	\$42,717	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Caledon, Town of	Rehabilitation/Reconstruction of Multiple Roads	Rehabilitation and reconstruction of the Town's roadways. Maple Lane and Church Street involve road rehabilitation work, which entails resurfacing the roadway, placing concrete sidewalk, and installing curb and gutter (a total section length of about 830 m). Mount Hope Road, Healey Road and Heart Lake Road involve full-depth reconstruction of the existing roadway, road widening, and watermain replacement (a total section length of about 10,900 m).	\$2,395,730	\$215,021	Ongoing
Local Roads and Bridges	Caledon, Town of	Rehabilitation and Replacement of Four Bridges	Replacement or rehabilitation of Kennedy Road Bridge #2, Credit Road Bridge, Winston Churchill Road Bridge, and McLaren Road Bridge. The objective of the project is to ensure that the Town's bridges are maintained in a state of good repair so as to maintain usability and safety. The Town has an inventory of bridges and culverts, most of which are in need of maintenance, replacement or rehabilitation. These four bridges were selected based on the results of biennial inspections.	\$3,685,572	\$0	Complete
Local Roads and Bridges	Callander, Municipality of	Reconstruction & Rehabilitation of Sanitary Manholes on King Street	The King Street project includes a new surface treatment, two cross-culverts, driveway culverts and rehabilitation of the sanitary manholes on King Street to address inflow and infiltration issues. King Street has approximately 78 households that will benefit from this work.	\$1,183,321	\$194,906	Complete
Local Roads and Bridges	Cambridge, City of	Resurfacing Multiple Roads	Road asphalt replacement including milling, structure adjustment and paving for roadways to address roadways with poor pavement quality. Road segments include Edgemere Dr., Trico Dr., Scott Rd, and others. Project addresses poor pavement quality, and extends the capital asset lifespan of City roadways. Required to sustainably manage City roadways and prevent further deterioration creating more costly full road base replacement. A total of 2.31 km of road is being resurfaced in this project.	\$677,835	\$662,431	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Cambridge, City of	Fearnwood St, Shaw Ave and Trillium Ave Reconstruction	Reconstruction of Fearnwood St (Fisher Mills to Milton), Shaw Ave (Fearnwood to Trillium), and Trillium Ave (Fisher Mills to Shaw). Includes replacement of watermain, sanitary sewers, storm sewers and road infrastructure due to deterioration. Also includes replacement of sidewalk, curb, traffic signs, streetlight relocation and utility relocation.	\$2,849,113	\$1,026,749	Ongoing
Local Roads and Bridges	Cambridge, City of	Cambridge and Park Hill Road East Reconstruction	Reconstruction of Cambridge St from Parkhill Rd to Dundas St and Parkhill Rd from Ainslie St to Wellington St. Includes replacement of watermain, sanitary sewers, storm sewers and road infrastructure due to deterioration. Additionally, includes replacement of sidewalk, curb, traffic signs, streetlight relocation and utility relocation.	\$4,142,578	\$1,033,725	Ongoing
Local Roads and Bridges	Cambridge, City of	Selkirk and Tait Reconstruction	Reconstruction of Selkirk St (Tait St to Glenmorris St) and Tait St (Dumfries St to First Ave). Project includes replacement of watermain, sanitary sewers, storm sewers and pavement due to deterioration. Also includes replacement of sidewalk, curb, traffic signs and utility relocation. Project addresses water and sewer backlog as per long range financial plan along with storm and road infrastructure needs. Project includes upsizing of existing 100 mm watermain.	\$2,483,805	\$945,445	Ongoing
Local Roads and Bridges	Cambridge, City of	Clarence and Tannery Street Reconstruction	Reconstruction of Clarence St (Franklin Blvd to Strathcona St) and Tannery St (Adam St to end). Project involves the replacement of watermain, sanitary sewers, storm sewers and pavement due to deterioration. Also includes replacement of sidewalk, curb, traffic signs and utility relocation. Project addresses water and sewer backlog as per long range financial plan, along with storm and road infrastructure needs. Project includes upsizing of existing 100 mm watermain.	\$2,264,164	\$794,587	Ongoing

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Cambridge, City of	Forest Rd Reconstruction	Reconstruction of Forest Road from Churchill Drive to Victoria Ave. Project involves the replacement of watermain, sanitary sewers, storm sewers and road infrastructure due to deterioration. Also includes replacement of sidewalk, curb, traffic signs, streetlight relocation and utility relocation. Project also addresses water and sewer backlog, as per long range financial plan, along with storm and road infrastructure needs.	\$1,579,039	\$535,816	Ongoing
Local Roads and Bridges	Cambridge, City of	Blair Road Culvert Renewal	Installation of a 2,400 x 1,500 mm precast box culvert with two concrete headwalls on Blair Road. Associated work - such as traffic control, excavation, dewatering, slope stabilization, rip rap placement, construction of road sub-base, base, asphalt pavement, curb and gutter as well as removal and replacement of guide rail - is also included. Work addresses a culvert backlog as per the long range financial plan along with infrastructure needs. Project includes up-sizing of the existing culvert.	\$553,182	\$539,084	Ongoing
Local Roads and Bridges	Cambridge, City of	Replacement of Two Trail Bridges	Replacement and design of trail bridges BB110 (Mill Run) and BB134 (Mill Race) in 2019. Bridges are at the end of their useful lives and are significantly structurally compromised due to natural decay.	\$637,000	\$298,765	Ongoing
Local Roads and Bridges	Cambridge, City of	Blair Road Reconstruction	Reconstruction of Blair Road from Grant Street to Park Hill Road. Project involves replacement of water, sanitary, storm and road infrastructure due to deterioration. Work also involves replacement of sidewalk, curb, and traffic signs.	\$2,065,312	\$64,001	Complete
Local Roads and Bridges	Cambridge, City of	Melrose St and Frederick St Reconstruction	Reconstruction of Melrose St from Eagle St to North St and Frederick St from Sherring St to Vine St. Project involves replacement of watermain, sanitary sewers, storm sewers and road infrastructure due to deterioration. Work also involves replacement of sidewalk, curb, and traffic signs, as well as streetlight relocation and utility relocation.	\$1,254,324	\$88,127	Complete

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Cambridge, City of	Francis Street Reconstruction	Reconstruction of Francis Street from St Andrews Street to Glenmorris Street. Project involves reconstruction of watermain, sanitary, storm sewer and road pavement due to deterioration. Work also involves replacement of sidewalk, curb, driveway and traffic signs. The project addresses water and sewer backlogs as per the long range financial plan along with storm and road infrastructure needs.	\$1,713,675	\$54,023	Complete
Local Roads and Bridges	Cambridge, City of	Hewat Street and Edgar Street Reconstruction	Reconstruction of Hewat Street from Garden Street to Dolph Street North and Edgar Street from Garden Street to end. Project involves replacement of water, sanitary, storm and road infrastructure due to deterioration. Work also involves replacement of sidewalk, curb, and traffic signs as well as utility relocations.	\$1,330,072	\$48,035	Complete
Local Roads and Bridges	Cambridge, City of	Wright Ave and Goldie Ave Reconstruction	Reconstruction of Wright Ave from Coronation Blvd to Goldie Ave and Goldie Ave from Wright Ave to Coronation Blvd including easement to the Grand River. Project involves replacement of water, sanitary, storm and road infrastructure due to deterioration. Work also involves replacement of sidewalk, curb, driveway ramps, and traffic signs, as well as streetlight renewal and utility relocation.	\$2,002,323	\$20,513	Ongoing
Local Roads and Bridges	Cambridge, City of	Road Reconstruction - Elliott St and Burrows St	Reconstruction of Elliott Street from Henry Street to East Street and Burrows Street from Elliott Street to end. Project includes replacement of water, sanitary, storm and road infrastructure due to deterioration. Also includes replacement of sidewalk, curb, traffic signs and utility relocation.	\$2,166,961	\$351,270	Ongoing
Local Roads and Bridges	Cambridge, City of	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.	\$2,074,021	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Cambridge, City of	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.	\$12,965,780	\$0	Complete
Local Roads and Bridges	Carleton Place, Town of	Overlay of Mary St (from Franktown Rd to Queen St S)	The scope of work includes the complete removal of existing asphalt and replacement with new asphalt. This section of road was originally constructed in various phases, but all segments are over 20 years old. The road base is still in good condition, therefore the replacement of the asphalt surface should extend the lifespan of the road section for a number of years. This road section was previously identified by staff but could not be completed due to budgetary constraints.	\$19,396	\$19,396	Complete
Local Roads and Bridges	Carleton Place, Town of	Overlay of Queen St S (from Antrim St to Nelson St E)	The scope of work includes the complete removal of existing asphalt and replacement with new asphalt. This section of road was originally constructed in various phases, but all segments are over 20 years old. The road base is still in good condition, therefore the replacement of the asphalt surface should extend the lifespan of the road section for a number of years. This road section was previously identified by staff but could not be completed due to budgetary constraints.	\$29,977	\$29,977	Complete
Local Roads and Bridges	Carleton Place, Town of	Overlay of Henry St (from Queen St S to the End)	The scope of work includes the complete removal of existing asphalt and replacement with new asphalt. This section of road was originally constructed in various phases, but all segments are over 20 years old. The road base is still in good condition, therefore the replacement of the asphalt surface should extend the lifespan of the road section for a number of years. This road section was previously identified by staff but could not be completed due to budgetary constraints.	\$32,571	\$32,571	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Carleton Place, Town of	Rehabilitation of Patterson Crescent from Francis St to Begley St	The scope of work includes the complete removal of existing asphalt and replacement with new asphalt. This section of road was originally constructed in various phases, but all segments are over 20 years old. The road base is still in good condition, therefore the replacement of the asphalt surface should extend the lifespan of the road section for a number of years. This road section was previously identified by staff but could not be completed due to budgetary constraints.	\$240,955	\$240,955	Complete
Local Roads and Bridges	Carling, Township of	Blind Bay & Shawanaga Roads Construction	The Township applied gravel and resurface 3.9 lane-km of roads to mitigate deterioration and flooding and to extend their useful lives.	\$140,349	\$140,349	Complete
Local Roads and Bridges	Carlow/Mayo, Township of	Little Mississippi Bridge - Emergency Foundation Repair	The abutment at the south end of the bridge was found to be eroding and in need of an emergency repair during bi-annual OSIM inspections. Work involved repairing the foundation below the abutment on the south end of the bridge, then repairing and applying asphalt to the egress off Boulter Road and onto the Bridge. Rock was additionally installed at north end abutment to prevent future erosion caused by the increased flow from work done on south end.	\$119,995	\$117,065	Complete
Local Roads and Bridges	Casey, Township of	Extension of St Joseph Blvd	The Township of Casey is extending St Joseph Blvd to Lachapelle St to create a safe route for school buses. The Township was notified from several school boards that school buses would no longer travel the current road to pick up students due to the lack of a turnaround. The extension of the road - which would include ditching, culverts, application of 2" minus gravel and road cap - will connect St Joseph Blvd to Lachapelle Street to create one continuous loop.	\$27,180	\$22,327	Complete
Local Roads and Bridges	Casey, Township of	Preperation to Resurface Development Road	The project consists of pulverizing the existing surface of Development Road (6.4 km), ditching, and installing new culverts in preparation for 2020's reconstruction of the road.	\$47,562	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Casselton, Municipality of	Construction of a Pedestrian Pathway on Principale Street	Construction of a 1.8 meter wide by 985 meter long pedestrian pathway on Principale Street starting from Chemins de la Riviere Nord and ending at Chemins du Boisse. The construction of the pathway will provide a safe environment for pedestrians since no sidewalks are provided in this area. The pathway will also motivate residents to enjoy healthy exercise.	\$60,000	\$16,579	Complete
Local Roads and Bridges	Cavan Monaghan, Township of	Surface Treatment of Beardsmore Road and Deyell Line	The existing surface treatments on sections of Beardsmore Road (1 km) and Deyell Line were at the end of their useful lives and were therefore replaced with new gravel and double surface treatment road surface.	\$91,568	\$87,286	Complete
Local Roads and Bridges	Cavan Monaghan, Township of	Slurry Seal of Multiple Roads	Completed Slurry seal on surface treatment from previous year. Sections include Hayes Line (1 km), Syer Line (1.2 km), Whitfield Road (1.6 km), Deer Ave (1.2 km), Bee Drive (800 m), Ava Crescent (500 m), Morton Line (1 km), Howden 1/4 Line (800 m), Brackenridge Drive (800 m), Jill Lane (230 m), Darling Crescent (850 m) and Stewart Line (600 m). This extends the life of the road surface an additional 5-7 years.	\$217,292	\$217,292	Complete
Local Roads and Bridges	Central Elgin, Municipality of	Various Hot Mix Paving and Surface Treatment	Roads were resurfaced in accordance with the Municipality's ten-year hot mix resurfacing plan as stated in the 2019 State of the Infrastructure and Asset Management Plan Report. The existing condition of the road surface had deteriorated to a point where full depth removal and replacement was required to improve road conditions and safety for pedestrians and local traffic. A total of 34.6 lane-km of road were resurfaced.	\$1,031,785	\$644,109	Complete
Local Roads and Bridges	Central Frontenac, Township of	Surface Treatment of Various Pulverized Roads	Project entails double surface treatment, replacement of all cross culverts that are deemed unacceptable (upon inspection), all required ditching to improve drainage, all of the required hoe ramming to improve drainage and proper ditching, and grading to tie in existing roads, lanes and driveways. There are multiple sections of Henderson, Arden and Oak Flats roads that are involved in this project.	\$1,199,787	\$266,184	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Central Huron, Municipality of	Tipperary Line - Top Coat	This project is for the application of a top coat on Tipperary Line from County Road 13 to County Road 18. The top coat is needed to protect the asset and is part of our asset management plan. This project involves the paving of three road sections totaling 6.21 km.	\$402,099	\$375,144	Complete
Local Roads and Bridges	Central Huron, Municipality of	Rehabilitation of Stewart Bridge on Dutch Line	The structure is a 3 span prestressed concrete girder bridge on a 40 degree skew, designed in 1973. There are localized areas of delaminated concrete at the north and south end of the bridge deck. The south end of the west parapet wall is badly spalled. The seals at the end of the bridge are filled with gravel. The footing of the south pier is exposed at the upstream (east) side of the bridge by about 0.4 m. The top of the south pier footing is exposed at the downstream side of the bridge.	\$129,020	\$114,882	Complete
Local Roads and Bridges	Central Huron, Municipality of	Reconstruction of Townsend St, William St, and Kirk St	Complete Road Construction including storm drain, curb, gutter, sidewalks, asphalt and hydro. The length of street reconstruction is 991 meters.	\$2,700,000	\$0	Complete
Local Roads and Bridges	Central Manitoulin, Municipality of	Blue Road/Cress Road Rehabilitation	This project consists of 2.0 km of gravel road rehabilitation in preparation for future hard topping. This project includes base repairs, raising the grade, ditching, culvert replacement, and brushing to improve vehicular sight lines and safety for this corridor. The improvement to the drainage in this area will reduced localized flooding during spring runoff and large storm events.	\$126,441	\$86,441	Complete
Local Roads and Bridges	Central Manitoulin, Municipality of	Blue Road Hard Surfacing	A hard surface was installed on Blue Road from Monument Road eastward for 2.2 km - a previously unpaved section of the road. This project is the second half to the road reconstruction of 2020. The objective is to provide a safer driving surface to the public.	\$73,876	\$40,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Central Manitoulin, Municipality of	Blue Road Reconstruction	The scope of this project is the reconstruction of Blue Road from Monument Road eastward for 2.2 km. Work involves ditching, base repairs, culvert replacement, build up of gravel topcoat, removal of rock outcroppings and grade reduction at hill. This will allow for increased sight lines along this corridor resulting in safer travel for citizens and tourist along Blue Road.	\$119,706	\$0	Complete
Local Roads and Bridges	Central Manitoulin, Municipality of	Mindemoya Sidewalk Installation	This project was for the installation of new sidewalks on Highway 551 from Highway 542 to 650 m north (to the Mindemoya Hospital). This new sidewalk improves pedestrian access to our local hospital and allows all members of our community, including those with mobility limitations and our elderly residents, to access services there	\$166,740	\$0	Complete
Local Roads and Bridges	Central Manitoulin, Municipality of	Replacement of Union Road Bridge	The project involves the removal of an existing 60 year old bridge structure consisting of wooden piers, abutments, beam and girders, as well as a wooden deck surface treated with tar and gravel. The replacement structure incorporates a new pre-cast concrete arched bridge and a pre-cast concrete headwall structure with a granular road base designed.	\$1,194,000	\$0	Ongoing
Local Roads and Bridges	Centre Hastings, Municipality of	Wilson Road Rehabilitation	Pulverizing 1.0 km of road, ditching approx 50 meters, dig outs of approx 100 meters, and 1.0 km of double surface treatment with Fog seal, addition of Granular "A" gravel and new surface treatment of the road. This work will significantly improve the road surface and extend the useful life of this asset, reducing maintenance and improving safety for travelling public.	\$150,000	\$101,117	Complete
Local Roads and Bridges	Centre Hastings, Municipality of	Slab Street Rehabilitation	Pulverizing 2.0 km of road, ditching approx. 200 meters, dig outs of approx. 200 meters, and 2.0 km of double surface treatment with Fog seal, addition of Granular "A" gravel and new surface treatment of the road. This work will significantly improve the road surface and extend the useful life of this asset, reducing maintenance and improving safety for travelling public.	\$187,110	\$187,110	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Centre Wellington, Township of	Rural Road Asphalt Resurfacing - Sideroad 4 - WR 21 to Second Line	Sideroad 4 is being resurfaced. Work involves removing existing asphalt and repaving the road with 70 mm of asphalt. The current road surface has well exceeded its service life. The pavement upgrades will offer a safer and more durable road design.	\$294,722	\$294,722	Complete
Local Roads and Bridges	Centre Wellington, Township of	Rural Road Asphalt Resurfacing - Eighth Line - WR 7 to Highway 6	Eighth Line is being resurfaced. Work involves removing existing asphalt and repaving the road with 70 mm of asphalt. The current road surface has well exceeded its service life. The pavement upgrades will offer a safer and more durable road design.	\$279,682	\$240,000	Complete
Local Roads and Bridges	Centre Wellington, Township of	Rural Road Asphalt Resurfacing - Middlebrook Rd - Third Line to WR 7	Middlebrook Rd is being resurfaced. Work involves removing existing asphalt and repaving the road with 100 mm of asphalt. The current road surface has well exceeded its service life. The pavement upgrades will offer a safer and more durable road design.	\$680,762	\$662,360	Complete
Local Roads and Bridges	Centre Wellington, Township of	Full Street Reconstruction - Princess St (Elora) - Church St to Grand River	This project is a full urban street reconstruction. Deteriorated sewer, watermain, and road are being rebuilt. The current road surface has well exceeded its service life. The pavement upgrades will offer a safer and more durable road design.	\$640,000	\$520,000	Ongoing
Local Roads and Bridges	Centre Wellington, Township of	Full Street Reconstruction - High St - McNab to York	This project is a full urban street reconstruction. Deteriorated sewer, watermain, and road are being proposed to be rebuilt as the project scope. The current road surface has well exceeded its service life, the pavement upgrades will offer a safer more durable road design.	\$800,000	\$0	Ongoing
Local Roads and Bridges	Centre Wellington, Township of	Full Street Reconstruction - York St - Waterloo to Victoria	This project is a full urban street reconstruction. Deteriorated sewer, watermain, and road are being proposed to be rebuilt as the project scope. The current road surface has well exceeded its service life, the pavement upgrades will offer a safer more durable road design.	\$1,210,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Centre Wellington, Township of	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.	\$2,803,128	\$0	Complete
Local Roads and Bridges	Chamberlain, Township of	Resurfacing of Chamberlain Road 2	A 1 km long section of Chamberlain Road 2 has exceeded its expected life and is significantly degraded. Reconstruction of this section involves the addition of gravel material.	\$29,923	\$29,923	Complete
Local Roads and Bridges	Champlain, Township of	Resurfacing Bangs Road	This project involves full depth reclamation of pavement and restoration of the surface of the roadway (including pulverizing, compaction, and grading) on 1.2 km of Bangs Rd. Bang road was in fair condition, however this road was on the edge of being reclassified as poor. With 192 vehicles using the road in an average day, the our asset condition assessment recommended performing this overlay.	\$170,631	\$165,352	Complete
Local Roads and Bridges	Champlain, Township of	Resurfacing John Street	This project is for the application of an HL4 overlay to 750 m of John Street (from HWY 17 to Victoria St). John Street was in fair condition, however this road was on the edge of being reclassified as poor and is a busy road. With 3,441 vehicles using the road in an average day, the our asset condition assessment recommended performing this overlay.	\$95,739	\$88,785	Complete
Local Roads and Bridges	Champlain, Township of	Reconstructing Roads in the Royal Alexander Subdivision	Three local roads have been fully reconstructed in the Royal Alexander Subdivision: Bois Franc Road, Poplar Road, and Fox Run Road (approximately 1.8 km in total). Work involved full depth reclamation of pavement and restoring the surface of the roadway (including pulverizing, compaction, and grading). The condition of Poplar and Bois Franc were poor; Fox Run was very poor. We had many pots hole on these roads. Our asset condition assessment called for a full reconstruction.	\$253,254	\$89,018	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Champlain, Township of	Resurfacing Saint-Anne Road	This project is for the application of an overlay to 2.3 km of Saint-Anne Road (from Charboneau Rd to Highway 17). Saint-Anne Road was in fair condition, however this road was on the edge of being reclassified as poor. With 912 vehicles using the road in an average day, the our asset condition assessment recommended performing this overlay.	\$203,434	\$195,335	Complete
Local Roads and Bridges	Chapple, Township of	Rehabilitation and Resurfacing of Sturgeon Creek Rd and Mather Rd	<p>This project is for the gravel resurfacing of two major arterial roads. Mather Rd was resurfaced between Morley Chapple Rd and Off Lake Rd. Sturgeon Creek Rd was resurfaced between Huziak Rd and Hwy 71.</p> <p>Approximately 35 residents live along the two roads. These roads also provide access to a local school and carry between 200 and 400 vehicles each day - though traffic volumes have significantly increased with the opening of a gold mine within the municipality.</p>	\$66,760	\$66,760	Complete
Local Roads and Bridges	Charlton and Dack, Municipality of	Resurfacing River Road North and Spruce Grove Road East	Sections of River Road North and Spruce Grove Road East (approximately 3.5 lane-km in total) have exceeded their expected life and are significantly degraded. Reconstruction of these sections involves the addition of gravel material.	\$82,059	\$82,059	Complete
Local Roads and Bridges	Chatham-Kent, Municipality of	Bloomfield Business Park Extension - Phase 2	The Municipality is installing new infrastructure to extend Bloomfield Business Park and accommodate future developments. Phase 2 extends Prosperity Way to Seventh Line West, and extends Seventh Line West to the existing wooded lot. Work involves installing a new sanitary sewer, storm sewer, watermain, granular road base, and asphalt surface, as well as curbs, gutter, and street lighting.	\$2,400,000	\$550,674	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Chatham-Kent, Municipality of	Merlin Road and Queen's Line Intersection Improvement	<p>A traffic study was conducted at the intersection of Queen's Line and Merlin Road due to safety concerns raised by motorists. The study indicated that new left turn lanes are currently warranted on Queen's Line and a traffic signal will be warranted in the near future.</p> <p>This project improves the intersection to address recommendations made in the study and improve intersection safety. The improvement will result in a controlled intersection with either a roundabout or a traffic signal.</p>	\$2,000,000	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Cold In Place Recycling of Charing Cross Road, Talbot Trail, and Front Line	<p>The Municipality is rehabilitating Charing Cross Road (3.2 km from Indian Creek to the 401 overpass), Talbot Trail (3.5 km from Charing Cross to Lagoon Road), and Front Line (7.7 km between Ridge Line and Kent Bridge Road). The three roads are receiving a full-depth reclamation combined with cold in-place recycling.</p> <p>Cold In-Place Recycling is a rehabilitation technique that reduces lifecycle cost by reusing the existing asphalt pavement. CIR also reduces the impact on the environment.</p>	\$1,937,715	\$1,541,794	Complete
Local Roads and Bridges	Chatham-Kent, Municipality of	Base Line Bridge over Sydenham River - Mechanical and Structural Rehabilitation	<p>Base Line Bridge over Sydenham River is a movable bridge which allows taller boats to access downtown Wallaceburg and the upper reaches of the Sydenham River, including the North Branch of the Sydenham River. This project involves the rehabilitation of the mechanical components which allow this bridge to function as a movable bridge, as well as the rehabilitation of the structural elements that support the bridge.</p>	\$4,625,381	\$432,008	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Chatham-Kent, Municipality of	Bridge Rehabilitation - Clachan Road over Thames River	The Clachan Road Bridge over the Thames River was built in 1958 and is in need of rehabilitation. By replacing the concrete deck and railings, traffic and pedestrians can continue to safely cross the Thames River. The bridge is currently load posted. <ul style="list-style-type: none"> <li>• Remove &amp; replace south approach guide rail &amp; installation of guide rail on the north approach</li> <li>• Remove and replace asphalt surface &amp; waterproofing membrane, curbs, barriers and bridge deck</li> <li>• Deep concrete patch repairs on the abutments</li> </ul>	\$4,100,000	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	Bridge Rehabilitation - Kent Line over Long's Creek	The existing T-girder bridge is being rehabilitated. Work involves rehabilitating existing concrete T-girders and concrete abutments and installing a new deck and guiderails.	\$226,267	\$226,267	Complete
Local Roads and Bridges	Chatham-Kent, Municipality of	Bridge Rehabilitation - Esterville Road over Long's Creek	The existing box beam bridge is being rehabilitated. Work involves rehabilitating existing concrete box beams and concrete abutments and installing a new concrete deck and guiderails.	\$508,987	\$427,616	Complete
Local Roads and Bridges	Chatham-Kent, Municipality of	Bridge Rehabilitation - Cooper Road Over Government Drain #1	The existing hollow core slab bridge is being rehabilitated. Work involves rehabilitating existing concrete abutments and hollow core slabs and installing a new concrete deck and guiderails.	\$306,943	\$277,387	Complete
Local Roads and Bridges	Chatham-Kent, Municipality of	Bridge Rehabilitation - Pollard Line over Government Drain #1	The existing slab on the girder bridge is being rehabilitated. Work involves rehabilitating existing concrete abutments and installing new concrete deck, guiderails and steel girders.	\$395,424	\$390,484	Complete
Local Roads and Bridges	Chatham-Kent, Municipality of	Bridge Replacement - Mint Line over King and Whittle Drain	The existing slab on the girder bridge is being replaced with the same. New footings, foundations, girders, concrete deck and guiderails are being installed.	\$767,524	\$150,914	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	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.	\$754,437	\$754,437	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Chatham-Kent, Municipality of	Rehabilitation of the Bridge on Pain Court Line over McFarlane Relief Drain	This project involves removal and replacement of the deck and replacement or rehabilitation of concrete box beams, the drainage system and the traffic barrier.	\$1,216,587	\$0	Ongoing
Local Roads and Bridges	Chatham-Kent, Municipality of	3rd Street Bridge over Thames River Rehabilitation	The 3rd Street Bridge over the Thames River is a 3-span, Twin Leaf Bascule moveable bridge that will undergo rehabilitation to convert it to a fixed bridge. The rehabilitation will address repairs to the concrete piers and abutments, deck replacement, structural steel rehabilitation, barrier replacement, sidewalk and lighting replacement.	\$14,006,500	\$135,771	Ongoing
Local Roads and Bridges	Chatsworth, Township of	Replacement of Elder Lane Bridge Structure 12	The structure on Elder Lane was replaced with a concrete box culvert with guiderails. The approximate length of the culvert was 12.19 m.	\$353,711	\$205,000	Complete
Local Roads and Bridges	Chisholm, Township of	Resurfacing River Road between Village Rd and Golf Course Rd	River Road was in need of a single layer of hard surfacing to prolong the life of the road. A few minor base repairs were also needed, including one culvert replacement and some scratch padding in a few rough areas. Once the base repairs were complete, a single layer of hard surfacing was applied.	\$157,289	\$157,289	Complete
Local Roads and Bridges	Clarence-Rockland, City of	Mill-Pave of Various Streets	The City is milling and paving 11 streets (2,154 m). These streets have been identified in our ten (10) year asset management program to be addressed in 2020 as described.	\$446,777	\$0	Ongoing
Local Roads and Bridges	Clarence-Rockland, City of	Asphalt Resurfacing "Scratch Coat" on Various Streets	An asphalt overlay "scratch coat" is being applied to 11 streets (3,502 m). These streets have been identified in our ten-year asset management program to be addressed in 2020 as described.	\$861,000	\$343,893	Complete
Local Roads and Bridges	Clarence-Rockland, City of	Culvert Replacement at Various Locations	Replacement of eight culverts at various locations. These culverts have been identified through our regular culvert inspections and have reached or exceeded their useful life. Replacements will prevent culverts from collapsing and possibly causing damage/injury to vehicles and/or pedestrians.	\$114,602	\$114,602	Complete

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Clarington, Municipality of	Surface Treatment of Multiple Streets	The scope of work includes ditching, pulverizing the existing surface, placement of additional granular 'A', grading, compaction, and resurfacing with double surface treatment and fog seal. Roads completed last year will receive a slurry seal and line painting this year. The objective of the project is to improve the serviceability and safety of the roads. Approximately 28 km of roadway are being resurfaced and 49.2 km are being treated with slurry seal.	\$3,182,383	\$400,000	Ongoing
Local Roads and Bridges	Clarington, Municipality of	Pavement Rehabilitation of Multiple Streets	Pavement rehabilitation to extend the life cycle of road pavement structures with asphalt overlays in conjunction with asphalt base repairs. Work involves the re-paving and rehabilitation of 6,310 m of asphalt roadways, and preventative resurfacing of 5,080 m of asphalt roadways.	\$3,295,000	\$507,665	Ongoing
Local Roads and Bridges	Clarington, Municipality of	Rehabilitation of Lakeshore Rd, Concession Rd 6, Concession Rd 10, Baker School Rd Seal Coat	Work involves 18.8 km of rehabilitation with high float, ditching and safety improvements. This section of the Lakeshore Rd forms part of the waterfront trail which is used extensively on an annual basis and is host to several well organized rides in support of various causes. There have been concerns with the condition of this road. Conc. Rd 10 has seen increased development resulting in higher traffic and there have been 22 accidents on this stretch of road from 2016-2019.	\$2,091,011	\$1,156,218	Complete
Local Roads and Bridges	Clarington, Municipality of	Surface Treatment of Multiple Streets	The scope of work includes ditching, pulverizing the existing surface, placement of additional granular 'A', grading, compaction, and resurfacing with double surface treatment and fog seal. Roads completed last year will receive a slurry seal and line painting this year. The objective of the project is to improve the serviceability and safety of the roads. Approximately 23 km of roadway are being resurfaced and 19 km are being treated with slurry seal.	\$2,619,531	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Clarington, Municipality of	Pavement Rehabilitation in Multiple Locations	Pavement rehabilitation to extend the life cycle of road pavement structures with asphalt overlays in conjunction with asphalt base repairs. Work involves the reconstruction of 800 m of roadway to an urban standard (including concrete curbs, storm sewers, gravel road base and asphalt surface), re-paving and rehabilitation of 4,225 m of asphalt roadways, and preventative resurfacing of 3,400 m of asphalt roadways.	\$4,230,382	\$327,582	Complete
Local Roads and Bridges	Clarington, Municipality of	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.	\$3,298,852	\$190,724	Complete
Local Roads and Bridges	Clearview, Township of	Resurfacing Centreline Road - Hwy 26 to Warrington	Resurfacing of Centreline Road from Highway 26 to Warrington Road.	\$263,379	\$263,379	Complete
Local Roads and Bridges	Clearview, Township of	Reconstruction of Nottawa Concession 10 & County Road 91	Total reconstruction of County Road 91 from County road 124 west to Concession 10 and Concession 10 from County road 91 north to 30/31 Side Road.	\$10,500,000	\$224,097	Ongoing
Local Roads and Bridges	Cobourg, Town of	Road Resurfacing	Resurface roadways at various locations within the Town of Cobourg.	\$640,000	\$539,488	Complete
Local Roads and Bridges	Cobourg, Town of	Elgin Street West Shared Path Construction	Completion of a shared walking/biking path along Elgin St West from Burnham St to Rogers Rd.	\$100,000	\$19,504	Ongoing
Local Roads and Bridges	Cobourg, Town of	Matthew Street Reconstruction	Matthew Street between Kin Street West and University Avenue East is being updated. Work involves the replacement of sanitary sewers, storm sewers, and watermain. This street was given a high priority in the Asset Management Plan.	\$1,405,871	\$99,859	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Cobourg, Town of	Kerr Street Construction - Ontario to D'Arcy	Construction of Kerr Street west from Division to the rail spur line in order to assist with the construction of the Midtown Creek ponding area. The project will also include the construction of Kerr Street East from Division Street to D'arcy St. A pedestrian trail along the road side is also included in this project.	\$6,807,520	\$660,941	Ongoing
Local Roads and Bridges	Cobourg, Town of	Upgrade of Traffic Signals at King & William	The traffic signals at King and William have required increasingly frequent emergency maintenance recently. The Town is therefore upgrading the signals to current standards. The upgrade will also reduce costs associated with emergency maintenance.	\$50,154	\$0	Complete
Local Roads and Bridges	Cobourg, Town of	Resurfacing King St W - Maher St W to Cedar Shores	As a result of servicing a new development in the western section of town, a portion of King St W, approximately 140 m in length from Maher St W to just past the entrance to the new subdivision (to be known as Cedar Shores) was replaced. This project is for the work done on the northern half of this portion (70 m); the southern half was completed by the developer.	\$275,000	\$0	Ongoing
Local Roads and Bridges	Cobourg, Town of	Rehabilitation of Sidewalks in the Downtown Core	Work involves rehabilitating downtown sidewalks to remove trip hazards and improve pedestrian safety.	\$250,000	\$49,560	Ongoing
Local Roads and Bridges	Cobourg, Town of	Bridge & Culvert Improvements	The Town assesses the condition of bridges and culverts regularly. Ten structures were assessed under this project; five were found to be in poor condition and are therefore being rehabilitated to ensure the continued safety of residents and travellers. The five are located on Park St, Covert St, Buck St, Elgin St E, and University Ave W. The Elgin Street East culvert upgrade includes extending the top of the culvert and adding guiderail on both sides.	\$750,000	\$60,184	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Cobourg, Town of	Widening and Reconstruction of Albert Street	Widening and reconstruction of 610 m of Albert St from Third St west towards Ontario St. Albert St is a major cross-town roadway which provides an alternate route to King St, the main street in Cobourg. This is critical as portions of King St are closed often for events when the traffic volume shifts to the Albert St corridor. The current condition of asphalt is poor and in need of replacement. This project also includes the replacement of water, sanitary and storm sewers.	\$500,000	\$0	Ongoing
Local Roads and Bridges	Cochrane, Town of	Installation/Replacement of Sidewalks at Various Locations	A total of 725.20 m of sidewalk were replaced and/or added in order to improve local transportation. The capital work done within our community has also improved the level of service provided to our residents, enhanced accessibility needs and encouraged recreational activity such as walking around the lake.	\$137,492	\$137,492	Complete
Local Roads and Bridges	Cochrane, Town of	Lillabelle Lake Bridge Replacement	The Lillabelle Lake Bridge is slated for replacement due to the existing deteriorated condition of the cribs with specific attention to the crushed bearing timbers. Rivard Engineering has completed a set of replacement drawings and the scope of work includes replacing the bearing timbers, replacing the top headwall timbers, connecting the approach guardrail to the bridge parapet wall, re-aligning the handrail pipe and replacing the deteriorated guard rail timber.	\$400,000	\$0	Ongoing
Local Roads and Bridges	Coleman, Township of	Resurfacing & Double Treatment of Various Township Roads	This project is for the single surface treatment of 25.65 km, double surface treatment of 4.75 km, application of Granular A, RAP, and grindings (34,895 tonnes over 16.8 km of RAP roads), safety upgrades, work on 11 culverts, and work as necessary to address frost heaves and soft spots. This project reduces GHG emissions by improving vehicle economies in fuel and maintenance and reduces the Township's requirements for new gravel and dust control materials.	\$1,880,281	\$36,100	Complete

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Collingwood, Town of	Installation of a Pedestrian Signal at the Intersection of Huron St and Niagara St	We installed a pedestrian actuated traffic signal at the intersection of Huron and Niagara Streets. This addressed public safety concerns and calmed traffic in that area.	\$24,117	\$24,117	Complete
Local Roads and Bridges	Conmee, Township of	Rehabilitation of Holland Rd and Enders Road	Rehabilitation and resurfacing of Holland Road (between Maxwell and Sovereign Roads), and Enders Road (from Holland Road to Hunter Road).	\$98,008	\$49,691	Ongoing
Local Roads and Bridges	Cornwall, City of	Reconstruction of a Retaining Wall on Water Street	The concrete retaining wall was constructed in 1974 when Water St was widened to four lanes. The bi-annual structure inspections which evaluate the condition of bridges, large culverts and retaining walls have identified that the retaining wall requires extensive reconstruction. The latest inspection identified concrete spalling and delamination, corroded rebar, large vertical cracks, and separation between main wall and secondary walls at multiple driveway entrances.	\$903,362	\$303,362	Ongoing
Local Roads and Bridges	Cornwall, City of	Upgrading Traffic Lights at Two Locations	This project involves the replacement of two traffic signal systems and the installation of a new pedestrian crossing as part of the City's mandate to comply with the Provincial minimum maintenance standards for traffic signals. Traffic signals are being replaced at the intersection of Sydney Street and Fifth Street and at the intersection of Brookdale Avenue and Thirteenth Street.	\$323,821	\$323,821	Complete
Local Roads and Bridges	Cornwall, City of	Construction of New Sidewalks in Multiple Locations	This project involves the construction of approximately 823 linear metres of new sidewalks on two existing City streets. Both streets are considered to be Collector roadways, which typically have a sidewalk on each side of the street. The construction of the new sidewalks on both Marlborough Street and Cumberland Street act as connecting links between existing sidewalk segments.	\$340,000	\$331,836	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Cornwall, City of	Bicycle Path Asphalt Overlay in Multiple Locations	This project involves the construction of a new 225 m long off-road recreational path on Haulage Road that will act as a connecting link between an existing recreational path and other bicycle lanes/paths within the City. The project also involves the construction of new bicycle lanes on several existing roadways.	\$251,759	\$251,759	Complete
Local Roads and Bridges	Cornwall, City of	Culvert Replacement on Benny Ave at Boals Drain	This project involves the replacement of a triple corrugated steel pipe (CSP) culvert that was recommended to be replaced in 2017, following the completion of the biennial Ontario Structure Inspection Manual (OSIM) inspection and subsequent low Bridge Condition Index rating it received. The OSIM inspection and report observed structural corrosion of the CSP that indicated that it needed to be replaced within 1 to 5 years.	\$400,000	\$26,654	Ongoing
Local Roads and Bridges	Cornwall, City of	Asphalt Resurfacing at Multiple Locations	This project involves the rehabilitation and resurfacing of 6.7 km of roadways that are deemed to be in poor condition in various locations throughout the City. The road rehabilitation work is being completed in conjunction with other linear infrastructure improvements such as the repair/replacement of curbs and sidewalks and/or complete roadway reconstructions.	\$3,992,340	\$1,690,702	Ongoing
Local Roads and Bridges	Cornwall, City of	Bicycle Path Asphalt Overlay in Multiple Locations	The project involved constructing 770 m of bike lanes and/or off road bike paths to continue development of the City's bike path network. Connecting additional streets within the City allows improved access to the bicycle infrastructure network, continues to improve a safe and encouraging network for people to cycle and walk more, reduces greenhouse gas emissions, and supports economic development and quality of life for residents.	\$254,465	\$88,210	Complete
Local Roads and Bridges	Cornwall, City of	Asphalt Resurfacing Multiple Locations	This project involves overlay of 2.02 km of asphalt in poor condition throughout various locations in the City. Also involved are arterial, collector and local roads. In addition, 750 m of curbs and 630 m of sidewalks are being rehabilitated in conjunction with road resurfacing.	\$3,000,000	\$493,603	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Cornwall, City of	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.	\$3,000,000	\$582,599	Ongoing
Local Roads and Bridges	Cramahe, Township of	Reconstruction of Old Percy Rd	Two sections of Old Percy Rd - extending roughly 800 m from the intersection with Gould Rd - were reconstructed. Work involved the complete reconstruction of the road, application of a double lift of surface treatment, ditching, and new culverts.	\$167,178	\$142,000	Complete
Local Roads and Bridges	Cramahe, Township of	Little Lake Road Rehabilitation	Pulverize existing road, ditching, culvert replacement, 6 inches of A gravel and a double lift of surface treatment.	\$195,507	\$0	Complete
Local Roads and Bridges	Dawn-Euphemia, Township of	Microsurfacing Marthaville Road	The Township microsurfaced Marthaville Road from Lambton Line to Bentpath Line. Work was required to maintain the integrity of road surface; the road is a vehicle pipeline for the community.	\$201,605	\$59,671	Complete
Local Roads and Bridges	Dorion, Township of	Bridge Replacement - Ouimet Canyon Road	Replacement of double lane, triple span bridge consisting of steel girders with a transverse nail laminated timber deck supported on timber bents.	\$1,511,514	\$0	Complete
Local Roads and Bridges	Douro-Dummer, Township of	Daleview Road Reconstruction - Phase 1	Phase 1 of the Daleview Road reconstruction (0.7 km, from County Rd 4 to Division Rd) involves the preparation of the road, gravel work, and application of a double coat. Daleview Road was deemed to have improper grading and insufficient drainage and therefore needed a complete reconstruction to suburban standards including underground works. This will ensure the road is safe for everyone who uses the road.	\$326,754	\$281,148	Complete
Local Roads and Bridges	Drummond/North Elmsley, Township of	Surface Treatment of Carroll Road	To resurface Carroll Road from the Smiths Falls boundary to Ferguson Tatlock Road for a total distance of 4.8 km. Carroll Road was identified as a priority for resurfacing in the asset management plan to be completed within the 2020 budget process.	\$80,427	\$80,427	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Drummond/North Elmsley, Township of	Reconstruction of Tennyson Rd	Tennyson Road is being reconstructed over a length of 14.8 km. The project involves redesigning and reconstructing existing roadways, completing a geotechnical investigation and topographic survey, culvert replacement, regrading ditches, pulverizing the existing surface, regrading the roadway and driveways with new granular material, and application of new surface material.	\$4,900,000	\$153,775	Ongoing
Local Roads and Bridges	Drummond/North Elmsley, Township of	Bridge Replacement - Armstrong & Buttermilk Bridges	The project involves redesign and replacement/upgrading of existing bridge structures including geotechnical investigation, topographic survey, regrading of roadway approaches, upgrading approach guard-rails along with inspection and construction.	\$1,000,000	\$0	Ongoing
Local Roads and Bridges	Dryden, City of	Resurfacing the Duke St. Overpass	Hwy 594 is a critical link between Hwy 17 and Hwy 502 for traffic to and from the Rainy River area and the US Border. It serves as an important link for shipping and tourism outside and inside the community. This section of Hwy 594 was last reconstructed in 1986. The age of the road now warrants resurfacing, and the curb and gutter are also in very poor shape, creating issues with infiltration of water into the sub base. Resurfacing will help mitigate infiltration and improve safety.	\$469,958	\$69,104	Complete
Local Roads and Bridges	Dryden, City of	Reconstruction of Van Horne Ave. - Duke St. to Victoria Ave.	This project is for the reconstruction of approximately 613 m of Van Horne Avenue from Duke Street to Victoria Street. Improvements include asphalt removal and replacement, curb replacement, and sidewalk repairs, including accommodations for accessibility. The section of urban arterial roadway had the second worst condition rating within the City. Reconstruction will additionally improve accessibility (though improvements to curb and sidewalk) and safety (by reducing hazards).	\$1,459,812	\$264,193	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Dryden, City of	Road Emulsified Surface Treatment Replacement	Replacement of sections of emulsified oil surface treated road segments to ensure that the driving surface is in compliance with the Minimum Maintenance Standards of the Province of Ontario.  Palker Rd (from the intersection with Birchcliff Rd to the Highlands bridge approach for 350 m) and Birchcliff Rd (east from the intersection with Palker Rd for 150 m) were pulverized, reshaped to enhance drainage, and received a double lift of surface Treatment.	\$420,000	\$0	Ongoing
Local Roads and Bridges	Dryden, City of	Sidewalk & Curb Replacement	Dryden has 28.4 km of sidewalk and 130.1 km of curb. More than 10% of this is more than 40 years old and far past its useful life. Safety of pedestrians continues to be the core focus of the sidewalk rehabilitation program. This project (2017-2023), will replace ~2,940 sq. m. of concrete sidewalk, ~140 sq. m. of unistone sidewalk, and ~280 sq. m. of concrete curb.	\$475,000	\$99,594	Ongoing
Local Roads and Bridges	Dubreuilville, Township of	Road and Sewer Improvements in the Bay de L'Église Subdivision	This project is part of our initiative to attract movement to our new subdivision, and to invite more residents to purchase a lot and a new house. We completed the Bay de l'Église storm sewer dredging, added new street lights, and installed a 61 m rail steel beam guiderail for the security of our residents.	\$72,829	\$72,829	Complete
Local Roads and Bridges	Dufferin, County of	Rehabilitation of Grand River Structure No. 2	A bridge on Dufferin County Rd 25 spanning the Grand River was rehabilitated. Work involved asphalt surface deck repairs, guide rail repairs, and concrete repairs to the abutments, wingwalls, soffit, girders, diaphragms, piers and fascia. This bridge was deemed a priority in our capital workplan in accordance with the OSIM report and our capital plan.	\$492,200	\$200,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Dufferin, County of	Rehabilitation of the Grand River Bridge	A bridge on Dufferin County Rd 25 spanning the Grand River was rehabilitated. Work involved replacement of the bearings, asphalt crack injections, coating of structural steel and concrete repairs to the abutments, wingwalls, soffit and fascia. This bridge was deemed a priority in our capital workplan in accordance with the OSIM report and our capital plan.	\$806,400	\$700,000	Ongoing
Local Roads and Bridges	Dufferin, County of	Resurfacing Dufferin Road 2	Per our 10 year capital plan, we resurfaced DR 2 (from DR 9 to Grey Boundary). Work included replacement of various road cross culverts and driveway culverts, localized ditching and topsoil restoration, full depth pulverization, grader shaping and compaction of the existing road platform, placement of 60 mm thick HL8 base coarse asphalt, and 50 mm thick HL3 surface coarse asphalt (7.5 m platform width), and the placement of granular 'A' shoulder gravel (2.0 m width).	\$797,732	\$672,807	Complete
Local Roads and Bridges	Dufferin, County of	Resurfacing Dufferin Road 9	Per our 10 year capital plan, we resurfaced DR 9 (from DR 2 to Melancthon-Osprey Townline). Work included replacement of various road cross culverts and driveway culverts, localized ditching and topsoil restoration, full depth pulverization, grader shaping and compaction of the existing road platform, placement of 60 mm thick HL8 base coarse asphalt, 50 mm thick HL3 surface coarse asphalt (9.5 m platform width), and granular 'A' shoulder gravel (1.0 m width).	\$1,201,752	\$1,200,000	Complete
Local Roads and Bridges	Dufferin, County of	Renewal of Culvert on Airport Rd Over the Humber River	To rehabilitate a culvert crossing the Humber River on Airport Road (Road 18), located 280 m north of Hwy #9. This culvert was deemed a priority in our capital workplan in accordance with the OSIM report and our capital plan.	\$1,365,806	\$0	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Durham, Regional Municipality of	Regional Smart City Traffic Pilot	The safety improving technologies for deployment consist of equipment and intelligent algorithms that would allow for video-based monitoring and identification of potential traffic conflicts at strategically selected locations. The objective is to identify conflict zones at high collision intersections and mid-block locations and intervene with suitable operational or capital improvements. Six to eight camera systems will be used to view all movements at the same time.	\$840,000	\$12,059	Ongoing
Local Roads and Bridges	Durham, Regional Municipality of	Reconstruction of Centre St from South of Adelaide Ave to Athol St	This project includes the replacement of the road structure (road base and asphalt), curb & gutter, storm sewer, watermain, sanitary sewer, improvements to the road geometry, new traffic signals, new pavement markings, and restoration of the landscaping along the reconstructed road.	\$15,060,000	\$75,647	Ongoing
Local Roads and Bridges	Durham, Regional Municipality of	Rehabilitation of Brock Road, Regional Road 57 and 9th Concession Road	This project includes rural upgrades to Brock Road (Uxbridge), Regional Road 57 and 9th Concession Road (total 11.1 km). The treatment involves pulverizing asphalt, adding virgin Granular A road base, placing new base and surface asphalt with partial depth/width paved shoulders, geometric improvements to curves, sideroads and entrances, replacing culverts, curb and guide rail, installation of new roadside protection/safety measures or devices, new pavement markings, ditching and restoration.	\$11,096,950	\$5,832,691	Ongoing
Local Roads and Bridges	Durham, Regional Municipality of	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.	\$4,768,868	\$322	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Dutton/Dunwich, Municipality of	Marsh Line - Rehabilitation of Tar & Chip Turf	This project involved the rehabilitation of Marsh Line between the town edge and Coyne Road. The result was improved drainage and an improved road surface. The useful life of this road section was also extended at least 15 years.	\$306,489	\$123,306	Complete
Local Roads and Bridges	Dysart Et Al, Municipality of	Road Rehabilitation in Multiple Locations	Rehabilitation of 4.1 km of roads, including culvert replacement, regrading ditches, pulverizing the existing surface, regrading the roadway with the new granular material and new surface material. The rehabilitation of these roads has improved the user experience by renewing the cross sections and profiles to allow for a smoother ride at normal operating speeds. The process has removed the potholes, rutting and general roughness of a typical road at the end of its service life.	\$289,503	\$148,000	Complete
Local Roads and Bridges	Ear Falls, Township of	Sumac Avenue & Elm Street Rehabilitation	Rehabilitation of two municipal roads (Sumac Avenue and Elm Street) and the replacement of the underground infrastructure (water and wastewater) in order to provide safe and effective systems to the community.	\$1,397,136	\$285,379	Ongoing
Local Roads and Bridges	East Ferris, Municipality of	Lake Nosbonsing & Village Road Reconstruction	Work consisted of the full reconstruction of 1.7 km of Lake Nosbonsing Rd and Village Rd, which included pulverizing the old asphalt, placement of granulars, reshaping of road, and laying two lifts of superpave asphalt including tack coat. Additionally, various sections of Lake Nosbonsing Road and Village Road, over a 2.4 km distance, were resurfaced.	\$628,733	\$578,733	Complete
Local Roads and Bridges	East Gwillimbury, Town of	Road Rehabilitation Program	The Road rehabilitation program for 2020 includes:1)Road resurfacing - removing and replacing top course asphalt and completing base and concrete rehabilitation;2)Road reconstruction - topographical surveying, geotechnical investigations, and detailed engineering drawings to address deficiencies, drainage and expected functions;3)Application of double high float surface treatment - isolated road base rehabilitation, cross culvert replacements and sweeping/removal of excess material;	\$1,306,945	\$452,221	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	East Gwillimbury, Town of	Miscellaneous Concrete Rehabilitation	Replace or rehabilitate deficient sidewalks, curbs and gutters, catch basins, maintenance holes and improve drainage in miscellaneous locations throughout the Town where no other capital works are planned. Locations are identified through service requests, the sidewalk inspection program, and regular road patrols.	\$201,250	\$71,806	Ongoing
Local Roads and Bridges	East Gwillimbury, Town of	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.	\$190,000	\$148,266	Complete
Local Roads and Bridges	East Gwillimbury, Town of	Construction of New Sidewalks on Mount Albert Rd and Highway 48	Construction of 875 m of new sidewalk on Mount Albert Rd (from Tyson Drive walkway to Grist Mill plaza) and Hwy 48 (from Princess St to the Foodland grocery store). The new sidewalk on Mount Albert Rd provides a direct path to the plaza, a link to the bus stop, and is within a school zone. The new sidewalk on Hwy 48 provides a direct path to the grocery store and Home Hardware, and addresses the safety concerns of area residents by keeping pedestrians off the gravel shoulders.	\$230,000	\$0	Ongoing
Local Roads and Bridges	East Zorra-Tavistock, Township of	Reconstruction of Maria Street	The reconstruction of Maria Street from Decew Street West, south to the intersection with Adam Street, and continuing south to the dead end. The work includes 330 m of road reconstruction, installation of 185 m of new storm sewer, replacement of 337 m of watermain and 135 m of sanitary sewer, and construction of 230 m of new concrete sidewalk. The main objectives of the Maria Street reconstruction are to improve the road condition for future growth and access to the Tavistock Public School.	\$850,000	\$401,677	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Edwardsburgh/Cardinal, Township of	Resurfacing Ventnor Road in the Hamlet of Ventnor	The Township is resurfacing 1.7 km of Ventnor Rd in the hamlet of Ventnor. Work involves pulverizing the existing surface, implementing drainage improvements (to include a minor storm system), adding gravel to the base, and paving the road with asphalt. This area has several farming properties that operate larger equipment and as a result have impacted the surface of the road. Resurfacing is critical to ensure the safety of the roadway and to continue to deliver the expected level of service.	\$289,604	\$260,000	Ongoing
Local Roads and Bridges	Elgin, County of	King George VI Lift Bridge Rehabilitation	The King George VI Lift Bridge is located on Bridge Street (Cty Rd 4) in the village of Port Stanley, and was constructed in 1938 as a single-span double steel leaf bascule drawbridge which spans the Kettle Creek. Rehabilitation items to be completed including structure recoating, structural repairs to various bridge members, replacement of the bascule leaf controls, concrete repairs to the abutments and sidewalks, replacement of sump pumps, and rebalancing of the bridge.	\$6,818,800	\$2,541,204	Ongoing
Local Roads and Bridges	Elgin, County of	Village of Sparta Reconstruction	The Village of Sparta is one of Canada's oldest Quaker settlements dating back to 1813 and a popular tourist destination. The main roads within this village were last reconstructed in 1967, are at the end of their lifecycle, and require complete replacement. This project reconstructs approximately 1.1 km of Sparta Line and Quaker Road. The scope of work involves new roadway, curb and gutter, drainage, sidewalks, and signage.	\$2,411,670	\$1,518,905	Complete
Local Roads and Bridges	Elizabethtown-Kitley, Township of	Kinch Street Reconstruction	This project involves the complete surface rehabilitation of a 1.5 km section of Kinch Street located between Cecil's Road and County Road 7. This work will additionally involve the reconstruction of another section of Kinch Street located between County Road 7 and the Merrickville-Wolford Municipal Boundary, which will consist of complete grade reconstruction, drainage improvements and asphalt surfacing. The need for this work was identified in the 2017 Roads Needs Study.	\$592,396	\$267,523	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Elizabethtown-Kitley, Township of	Riverview Lane Reconstruction	This project entails the complete replacement of a stormwater pipe and road reconstruction of Riverview Lane. The replacement of this failing pipe, which empties into the St. Lawrence River, will improve safety for both residents and visitors and reduce shoreline erosion. The road will then be completely reconstructed with attention for the improvement of the geometry of the road, making it safer for the traveling public.	\$737,848	\$605,491	Complete
Local Roads and Bridges	Elliot Lake, City of	Resurfacing Scott Rd, Fire Tower Rd, S Bay Rd, and Boychuk Rd	Resurfacing the full length of all surface treated roads in the City - namely Scott Rd, Fire Tower Rd, S Bay Rd, and Boychuk Rd. Currently the roads are full of potholes and are narrowing every year - resurfacing levels the road out and protects the base design underneath from eroding away which would be a health and safety concern to all drivers.	\$306,000	\$0	Ongoing
Local Roads and Bridges	Elliot Lake, City of	Rehabilitation of Pine Rd & Poplar Road Rd	Replacement of road and underground infrastructure (water and waste water) over the full length of Pine Rd and the a section of Poplar Rd (Spruce Ave to Willow Ln). New roads and storm systems allow water to be directed properly to catch basins, preventing flooding of yards and homes and puddling of water on the road surface (reducing the risk of ice buildup in the winter and hydroplaning in the summer).	\$2,849,605	\$137,950	Ongoing
Local Roads and Bridges	Elliot Lake, City of	Stanrock and Dunlop Shores Road Resurfacing	Gravel resurfacing of Stanrock Rd (9.5 km) and Dunlop Shores Rd (4.5 km).	\$405,000	\$0	Complete
Local Roads and Bridges	Elliot Lake, City of	Reconstruction of Valley Cres and Hemlock Pl	Reconstruction of 1 km of road on Valley Cres and Hemlock PL including storm sewer.	\$3,842,000	\$0	Complete
Local Roads and Bridges	Englehart, Town of	Paving Second Street from Fifth Avenue to Tenth Avenue	The 0.6 km section of Second St. between Tenth Ave. and Fifth Ave. has exceeded its expected life and is significantly degraded. Reconstruction of this two-lane, 600 m section involves the reconstruction of the road.	\$191,525	\$108,382	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Enniskillen, Township of	Asphalt Placement on LaSalle Line	The project consisted of the placement of 50 mm of hot mix asphalt on LaSalle Line from Wanstead Road to Black Ash Road. Shouldering gravel was also applied to the section of road.	\$168,219	\$85,187	Complete
Local Roads and Bridges	Essa, Township of	Urbanization of Margaret St - Alma St to Mill St	Urbanization of Margaret Street from Alma Street to Mill Street. Work involves land surveying, engineering and design, and placement of storm sewers, concrete curb, new sidewalks, and asphalt. Work is being completed in three phases totaling 1.2 km.	\$1,246,900	\$0	Ongoing
Local Roads and Bridges	Essa, Township of	King Street Reconstruction - Auburn St. to Mill St.	Work for the urbanization of King Street from Auburn Street to Mill Street. Construction entails the urbanization of approximately 300 m with new storm sewer installation, new road subgrade, construction of new curb and sidewalk, and asphalt.	\$1,455,591	\$140,600	Complete
Local Roads and Bridges	Essex, County of	Resurfacing of County Roads	This project involves the recycling and resurfacing of 28.3 km of road (namely CR9, CR11, CR18, CR19, CR20, CR22, CR23, CR31, CR34, and CR46). The smooth riding surface will be restored on roadways with failed pavement structures, which will extend the useful life of the asset. A reduction in greenhouse gas emissions will result from the deferred demolition and reconstruction of the road.	\$6,025,425	\$3,311,559	Complete
Local Roads and Bridges	Essex, Town of	McCormick Sideroad and 4th Concession Culvert Replacement	This culvert was inspected by a professional engineer through the Town's biennial bridge inspection program. The bridge inspection identified that this culvert was past its useful life and required replacement. The Town procured a professional engineer to design a new culvert structure and replace it with a soil-steel culvert structure. The culvert replacement includes the steel structure, roadside safety features, and hard surfacing of the roadway.	\$152,963	\$81,947	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Essex, Town of	King and Queen Street Reconstruction and Streetscaping in the Hamlet of Harrow	In accordance with the design guidelines adopted by Council, this project includes road paving, watermain replacement, storm sewer replacement, sidewalk reconstruction, streetlighting, landscaping, and furnishings to revitalize and further beautify the Harrow downtown district.	\$5,492,019	\$338,471	Ongoing
Local Roads and Bridges	Essex, Town of	4th Concession Reconstruction between County Road 23 and McCormick Road	The 4th Concession between County Road 23 and McCormick Road is currently past its useful life and requires reconstruction. The reconstruction will help contribute to the Town's goal of managing, investing, and planning for sustainable infrastructure that meets the current and future needs of the municipality and its citizens. This project includes cold-rolled recycled paving, surface treatment, and shouldering.	\$402,766	\$402,766	Complete
Local Roads and Bridges	Evanturel, Township of	Stabilization of Kap Kig Iwan Road Shoulder	Project involves placing 400 feet of 6 inch drain pipe with sock along the shoulder of the Kap Kig Iwan Road to allow for proper drainage, prevent further erosion, and stabilize the road.	\$17,700	\$0	Complete
Local Roads and Bridges	Faraday, Township of	Reconstruction and Realignment of Airport Road	Realignment of approximately 1 km of Airport Rd to remove an unsafe road corner up a hill. The main objective was to straighten the road and decrease the uphill grade.	\$270,778	\$250,000	Complete
Local Roads and Bridges	Fauquier-Strickland, Township of	Resurfacing Gravel Concession Roads	The Township has many concession roads to maintain. Due to many years of not adding Gravel "A", resurfacing was required to maintain the roads in a good state of repair.  A total of 5km of gravel roads were resurfaced with Gravel "A".	\$45,822	\$33,762	Ongoing
Local Roads and Bridges	Fort Erie, Town of	Bridge Replacement on Ott Road	The Ott Road bridge structure was identified as a "1 to 5" year priority in the Town's 2017 Bridge Assessment Report. The deck and travel surface is in poor condition with several potholes that require ongoing maintenance and therefore requires the twelve meter span bridge structure to be replaced.	\$1,565,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Fort Erie, Town of	Replacement of Multiple Bridges and Culverts	Structures on Alfred St (M314C), Stonemill Rd (M321C), and Erie Rd (M331C) require replacement. Structures on Pettit Rd (M312C) and Edgemere Lane (M399B) require railing improvements. Structures on Friendship Trail (M319C), Nigh Road (M383B) and Edgemere Lane (M399B) require scour protection improvements.	\$491,408	\$66,567	Complete
Local Roads and Bridges	Fort Erie, Town of	Resurfacing Multiple Roads	Resurfacing of existing roads that have reached the end of their service; resurfacing work involves single surface treatment of 6,339 m, double surface treatment of 10,520 m and the application of hot mix asphalt to 2,367 m of road. High quality roads improve traffic flow, reduce accidents, lower liability and lead to a more sustainable road system, which leads to predictable budgeting and satisfied constituents.	\$2,318,099	\$151,030	Complete
Local Roads and Bridges	Fort Erie, Town of	Replacement and Rehabilitation of Multiple Bridges and Culverts	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.	\$275,645	\$0	Complete
Local Roads and Bridges	Fort Erie, Town of	Culvert, Guiderail and Retaining Wall Replacements	<p>Culvert replacement on Black Creek Rd. Concrete pipe sections have either moved or collapsed and steel pipe sections have severe corrosion and section loss.</p> <p>Replacement of existing culvert and headwalls on Nigh Rd due to severe corrosion and perforations of steel pipes.</p> <p>Guiderail improvements on Church Rd and Thunder Bay Rd.</p> <p>Replacement of retaining wall on Crystal Beach Dr due to areas of cracking, concrete deterioration and severe rotation.</p>	\$356,813	\$45,259	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Fort Erie, Town of	Bridge Replacements on Winger and Sunset Road	Replacement of Winger Rd (S047B) & Sunset Dr (S107B) bridges. S047B-steel girders have areas of severe corrosion and section loss near the bearings. The concrete deck soffit has areas of severe spalling and delamination. S107B-there is cracking, delamination and leakage of the concrete soffit along with scaling throughout the soffit and abutment side walls. The steel multiplate arch extensions have areas of severe corrosion. The wingwall has failed and rotated to the west by approximately 100mm.	\$1,610,000	\$88,796	Ongoing
Local Roads and Bridges	Fort Erie, Town of	Holloway Bay Bridge Replacement	The scope of work is for complete removal and replacement of the existing structures and headwalls for M344B and M345B. The concrete bridge deck soffits are in fair to poor condition with wide longitudinal cracks and leakage. The abutment sidewalls are in poor condition with wide vertical cracks and areas of medium to severe concrete deterioration. The head walls and wingwalls are generally in fair condition or have completely failed with cracking, scaling and concrete deterioration.	\$633,333	\$90,705	Complete
Local Roads and Bridges	Fort Frances, Town of	Scott Street Reconstruction - Reid Ave to Col Rd. E	Full road reconstruction including the replacement of watermain, sanitary sewer, storm sewer, sidewalks, and landscaping and resurfacing.	\$4,534,618	\$512,248	Ongoing
Local Roads and Bridges	Fort Frances, Town of	Second Street Reconstruction-Portage Avenue to Victoria Avenue	Full road reconstruction including the replacement of watermain, sanitary sewer, storm sewer, landscaping and resurfacing.	\$1,629,978	\$0	Complete
Local Roads and Bridges	French River, Municipality of	Reconstruction and Culvert Replacement on Dry Pine Bay Road	This project involved the rehabilitation of approximately 2.75 km of Dry Pine Bay Road. Numerous culverts were replaced. Earth excavation, application of Granular A, ditching and scarifying were also completed. A dust control was also applied to the road. The rehabilitation of the road has greatly increased its base strength. This has allowed the road to be properly prepped for its resurfacing of hard top this upcoming year.	\$219,323	\$161,510	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Front of Yonge, Township of	Marsh Road Rehabilitation	Marsh Road has been the subject of complaints and concerns raised by local residents for several years, and has been identified in the Township's asset management plan. Sections of the road are therefore being prepared with granular A, graded, and compacted, with calcium applied. Surface treatment and fog spray is being completed on the entire 4.1 km of road. This will increase road safety and extend the life of the road.	\$175,200	\$93,260	Complete
Local Roads and Bridges	Frontenac Islands, Township of	Structure Replacement on Third Line Road	Engineering and construction for the replacement of a bridge on Third Line Road. An engineering study was completed in 2019 to determine whether the bridge structure could be replaced with two pipe arches. The study determined that the Township could proceed with replacement. Replacement is to be completed in 2020.	\$90,000	\$0	Complete
Local Roads and Bridges	Frontenac Islands, Township of	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.	\$329,416	\$0	Complete
Local Roads and Bridges	Frontenac, County of	K&P Trail Development: Sharbot Lake to Clarendon Station	A portion of the K&P rail bed was acquired by the County of Frontenac in 2008 for the development of a trail. This runs through the Townships of South Frontenac and Central Frontenac. The County's acquisition of the land was undertaken as part of its economic stimulation efforts. After several years of work the trail reached the village of Sharbot Lake. In 2020 an additional 14 kilometres were added to reach Clarendon Station	\$728,589	\$472,618	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Frontenac, County of	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.	\$2,400,000	\$0	Complete
Local Roads and Bridges	Georgian Bay, Township of	Bonneville Road Resurfacing	Our last road assessment found Bonneville Rd to be in poor condition with a PCI of 29 out of 100, extensive rutting, and drainage issues. The road was resurfaced from Lone Pine Rd to the end to ensure that residents would continue to have safe access to critical local services and to improve school bus service in the winter season. Work involved initial pulverization, application of Granular A, application of magnesium chloride, and a secondary pulverization.	\$133,529	\$132,545	Complete
Local Roads and Bridges	Georgian Bluffs, Township of	Resurfacing Wilcox Sideroad	A double surface treatment was applied to all of Wilcox Sideroad from Hwy 6 to Girl Guide Road. This road was found to be in poor condition during our last assessment. Resurfacing the road restored the surface to good condition.	\$63,092	\$63,092	Complete
Local Roads and Bridges	Georgian Bluffs, Township of	Resurfacing Concession 3 from Grey Road 18 to Sideroad 6	A double surface treatment was applied to Concession 3 from Grey Road 18 to Sideroad 6. This section of road was found to be in poor condition during our last assessment. Resurfacing the road restored the surface to good condition.	\$70,301	\$70,301	Complete
Local Roads and Bridges	Georgian Bluffs, Township of	Resurfacing Concession 11 from Grey Road 5 to Sideroad 9	A double surface treatment was applied to Concession 11 from Grey Road 5 to Sideroad 9. This section of road was found to be in poor condition during our last assessment. Resurfacing the road restored the surface to good condition.	\$61,450	\$61,450	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Georgian Bluffs, Township of	Resurfacing Concession 7 from Grey Road 16 to Sideroad 3	A double surface treatment was applied to Concession 7 from Grey Road 16 to Sideroad 3. This section of road was found to be in poor condition during our last assessment. Resurfacing the road restored the surface to good condition.	\$65,503	\$65,503	Complete
Local Roads and Bridges	Georgian Bluffs, Township of	Resurfacing Zion Church Road from Conc 14 to Conc 17	A double surface treatment was applied to Zion Church Road from Concession 14 to Concession 17. This section of road was found to be in poor condition during our last assessment. Resurfacing the road restored the surface to good condition.	\$143,136	\$143,136	Complete
Local Roads and Bridges	Georgina, Town of	Lake Dr S, Lake Dr E & Sunkist Rd Culvert Replacements	This project involves replacing 14 priority, large diameter culverts. The main objectives of this project are to prevent failure, allow the storm system to continue to function, and improve drainage and flooding issues.	\$127,776	\$124,776	Complete
Local Roads and Bridges	Georgina, Town of	Hedge Road Bank Stabilization	A Slope Stability Assessment has been completed and it has been determined that there is a high risk of losing the stability of the road and, as such, the road itself if the stabilization of the embankment is not addressed. This project includes installing a silt curtain, installing a rock berm, shoreline replanting and placing boulders up the bank.	\$1,650,000	\$54,653	Ongoing
Local Roads and Bridges	Georgina, Town of	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.	\$1,700,000	\$615,962	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Georgina, Town of	Rehabilitation of Bridges and Culverts in Various Locations	Deck condition surveys and engineering designs are followed by the remedial capital project for Baldwin Road bridge and two bridges on Old Shiloh Road; Frog Street Bridge have cracked bracing members replaced and timber curbs secured to the structure; the culverts on Lake Drive and McCowan Road have guide rails installed/ upgraded including end treatment and painting. 4 Bridges and 2 Culverts are rehabilitated in this project.	\$2,927,100	\$903,392	Ongoing
Local Roads and Bridges	Georgina, Town of	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 restores two-lane traffic, permits the safe movement of vehicles, and eases congestion over the culvert.	\$673,200	\$0	Complete
Local Roads and Bridges	Georgina, Town of	Design and Construction of Maskinonge River Pedestrian Bridge	For the design and construction of a pedestrian bridge across Maskinonge river connecting existing trails on both sides of river. This is in accordance with the class EA and trail study completed by the town. Public consultation is required for environmental design of the bridge.	\$524,500	\$0	Ongoing
Local Roads and Bridges	Gillies, Township of	Culvert Installation on Parker Road	Work on Parker Road includes the installation of a new culvert, ditching and gravel.	\$12,954	\$12,954	Complete
Local Roads and Bridges	Goderich, Town of	Reconstruction of Local Roads	Full reconstruction of 0.495 centreline km of road, involving replacement of 410 m of sanitary sewer and 495 m of watermain. These assets are nearing the end of their expected lives. The project will reduce the likelihood of failure, improve rideability, and improve municipal services to properties.	\$1,429,100	\$75,000	Complete
Local Roads and Bridges	Gordon/Barrie Island, Municipality of	Resurfacing Beange Road	This project entailed applying surface treatment to the full length of Beange Road (2 km, with two lanes running the full stretch). This surface treatment will reduce greenhouse gas emissions and provide a safer, smoother ride comfort rating as well as extend the life of the road infrastructure.	\$33,076	\$29,730	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Gore Bay, Town of	Paving of Water St and Eleanor St	This project involves repaving of Water St from Main St to Dawson St and the repaving of a section of Eleanor St from Meredith St to Water St. The project also involves paving a parking lot for our town-owned fitness centre.	\$160,446	\$160,446	Complete
Local Roads and Bridges	Gravenhurst, Town of	Culvert Replacement on Arthur Shultz Road	A culvert on Arthur Shultz Road failed. The culvert was replaced and the roadway over the culvert was repaved.	\$364,238	\$364,238	Complete
Local Roads and Bridges	Gravenhurst, Town of	Culvert Replacement on Peninsula Road	A culvert on Peninsula Road failed. The culvert was replaced and the roadway over the culvert was repaved.	\$20,448	\$20,448	Complete
Local Roads and Bridges	Gravenhurst, Town of	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	\$684,000	\$11,714	Complete
Local Roads and Bridges	Greater Madawaska, Township of	Pucker Street and Spindle Drift	Reconstruction of pucker street	\$125,823	\$76,387	Complete
Local Roads and Bridges	Greater Napanee, Town of	Water St. Reconstruction	Full reconstruction of storm water piping, roadway granular base along with asphalt and concrete curb and sidewalk replacement. Limits of construction include Water St from Centre St – Richard St and Robinson St from Mill St – Baker St.	\$1,132,650	\$484,514	Complete
Local Roads and Bridges	Greater Sudbury, City of	Road Rehabilitation in Several Locations	Asphalt pavement rehabilitation or resurfacing, including improvement, replacement, or rehabilitation of shoulders, concrete curbs and sidewalks, ditching, and road culverts, as well as intersection improvements. Work is occurring on Brady Street (1,000 m), Notre Dame Avenue (760 m), Walford Road (700 m), Auger Street (650 m), Valleyview (1,650 m), Kelly Lake Road (600 m), and Hill Street (900 m).	\$13,380,000	\$3,988,641	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Road Rehabilitation in Various Locations	Rehabilitation of over 10,000 metres of roads, including improvements to the road structure (pulverizing or milling of the existing asphalt and placement of new asphalt structure), pedestrian facilities, and drainage.	\$18,612,383	\$1,147,588	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Greater Sudbury, City of	Bridge Rehabilitation in Multiple Locations	The bridge work involves rehabilitation of bridges and replacement of full culverts. The bridge rehabilitation locations include Douglas Street, the CNR Overpass on Falconbridge, the Allan Street Bridge, and the Frappier Road Bridge.	\$8,950,000	\$1,423,495	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Road Rehabilitation in Multiple Locations	Rehabilitation of approximately 7,300 m of road, involving improvements to the road structure (pulverizing or milling of the existing asphalt and placement of new asphalt), pedestrian facilities, and drainage.	\$3,158,319	\$0	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Bridge Replacement and Rehabilitation in Multiple Locations	The bridge work involves rehabilitation of bridges and replacement of full culverts. The bridge rehabilitation locations include: Bowlands Bay Bridge; Vermillion Lake Bridge on MR55; Nelson Lake Road Bridge and Coniston Creek Pedestrian Bridge. The culvert replacement locations include: Kari Rd; Hill St; Beatrice Cresc; Robin St; Notre Dame Azilda; Desloges Rd; Jumbo Rd; Sunnyside Rd; Ramsey Lake at University Rd; and Dryden Rd.	\$15,151,320	\$2,208,071	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Bridge Replacement/Rehabilitation in Multiple Locations	The bridge work involves replacement of the Garson Coniston Road Bridge and the Kelly Lake Road Bridge with new concrete structures. Work also involves rehabilitation of the existing concrete decks and foundations on the CNR overpass on Falconbridge Road, MR55-CPR Overhead Bridge (Westbound) and Mikkola Road Bridge.	\$9,115,316	\$0	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	Road Rehabilitation in Multiple Locations	Rehabilitation of 6,915 m of roads, involving improvements to the road structure (pulverizing or milling of the existing asphalt and placement of new asphalt structure), pedestrian facilities, and drainage.	\$8,660,867	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Greater Sudbury, City of	Road Reconstruction/Rehabilitation of Multiple Roads	<p>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.</p> <p>Work involves pulverizing or milling the existing asphalt, placing new asphalt, improving pedestrian facilities and improving drainage.</p>	\$45,184,171	\$0	Ongoing
Local Roads and Bridges	Greater Sudbury, City of	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.	\$12,915,817	\$0	Complete
Local Roads and Bridges	Grey Highlands, Municipality of	8th Concession - Grey Road 2 to Road 41 B	The objective of this project is to extend the life expectancy of the road surface for an additional 8 to 12 years. The average daily traffic count in 2018 was 1,000 to 1,999 vehicles per day.	\$246,608	\$295	Ongoing
Local Roads and Bridges	Grey Highlands, Municipality of	Rehabilitation of Point Road	The existing road surface has reached its life expectancy. Point Road is a surface treatment road surface in which the road surface condition has deteriorated significantly. To achieve a desired 15 to 20 year life expectancy of a new asphalt road surface, the existing surface is being pulverized and regraded/compacted with an additional 60 mm (2") gravel lift. The final surface will be 50 mm HL-4 asphalt, with all existing driveway matched into the edge of pavement.	\$164,160	\$147,459	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Grey Highlands, Municipality of	Rehabilitation of Pretty River Road	The existing road surface has reached its life expectancy. Pretty River Road is a surface treatment road surface which has had minor maintenance to extend the life of the surface by 4 to 5 years. The surface condition has deteriorated significantly. This road was downloaded to the Municipality from Grey County and has significant active transportation/recreational pressures to enhance the level of service. Rehabilitation is necessary to achieve a desired 15 to 20-year life expectancy.	\$236,735	\$213,005	Complete
Local Roads and Bridges	Grey Highlands, Municipality of	West Back Line Reconstruction	Reconstruction and resurfacing of West Back Line from the Artemesia-Southgate Townline to the bridge north of Road 180, approximately 3.1 km. This required pulverizing the existing surface, applying a gravel lift and laying of 50 mm HL-4 asphalt.	\$341,114	\$0	Complete
Local Roads and Bridges	Grey, County of	Reconstruction of Grey Road 9 - Artemesia St to Highway 10	This is a continuation of the reconstruction of Main St in Dundalk that began in 2019. Reconstruction of this two lane, 2,781 m section involved the replacement of stormwater sewer services, road reconstruction and installation of curbs, sidewalks and street lighting.	\$252,183	\$227,863	Complete
Local Roads and Bridges	Grey, County of	Rehabilitation of Grey Road 9 - Melancthon-Osprey Townline to Grey Road 124	This section of Grey Road 9 (from Melancthon-Osprey Townline to Grey Road 124) has exceeded its expected life and is significantly degraded. Rehabilitation of this two lane, 8.9 km section involves replacing five culverts, replacing guiderails, and pulverizing and paving the roadway.	\$1,814,095	\$1,791,924	Complete
Local Roads and Bridges	Grey, County of	Rehabilitation of Grey Road 9 - Grey Road 109 to Grey Road 23	This section of Grey Road 9 (from Grey Road 109 to Grey Road 23) has exceeded its expected life and is significantly degraded. Rehabilitation of this two lane, 8 km section involves replacing two culverts and pulverizing and paving the roadway.	\$2,150,861	\$869,071	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Grey, County of	Rehabilitation of Grey Road 29 - Grey Road 40 to Holland Sydenham Townline	This section of Grey Road 29 (from Grey Road 40 to Holland Sydenham Townline) has exceeded its expected life and is significantly degraded. Rehabilitation of this two lane, 3.4 km section involves replacing or adding guiderails, adding concrete curbs and gutters, and pulverizing and paving the roadway.	\$1,173,523	\$675,000	Complete
Local Roads and Bridges	Guelph, City of	Reconstruction of York Rd from Stevenson St S to Victoria Rd	Replacement of storm mains, watermains, wastewater mains, and road resurfacing as part of the York Road Upgrades (Phase 4 Stevenson Street South to Victoria Road). The need for this project is driven by age and condition needs as well as growth planning. The total length of the project is approximately 528 linear meters.	\$5,423,900	\$0	Ongoing
Local Roads and Bridges	Guelph, City of	Reconstruction of Speedvale Ave from Elmira Rd to Imperial Rd	Replacement of watermains, road restoration, and construction of new multi-use path and new storm sewer along Speedvale Ave W from Elmira Rd N to Imperial Rd N. The total length of the project is approximately 1,176 m.  This work is driven by operational needs. Records indicate a significant number of breaks in the watermain, and coordinating the replacement of the road surface ensures the City can maximize on cost savings while minimizing service disruptions to users.	\$154,000	\$0	Ongoing
Local Roads and Bridges	Guelph, City of	Pedestrian Safety Improvements to Six Railway Crossings	Improvements to GO/Metrolinx rail crossings at six locations to comply with federal regulations. The six locations are at Alma St, Edinburgh Rd, Yorkshire St, Glasgow St, Dublin St, and Watson Parkway North. The improvements are mainly to improve crossing safety, meet the latest federal regulations and standards, provide consistent safety standards for existing grade crossings, and implement results-based regulations for a consistent level of safety for all crossings.	\$212,400	\$62,400	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Guelph, City of	Norwich Pedestrian Bridge Reconstruction	This is for reconstruction of the pedestrian bridge spanning the Speed River at the end of Norwich St, between Cardigan St and Arthur St N. Work involves the preservation of the heritage elements of the existing pedestrian bridge while constructing a new self-supporting bridge to maintain safe public crossing of the Speed River into the future.	\$1,650,000	\$450,234	Ongoing
Local Roads and Bridges	Guelph, City of	Design and Construction of a New Downtown Pedestrian Bridge	To complete the detailed design and construction of a new pedestrian bridge to connect Ward 1 to downtown. The bridge will extend from the intersection of Arthur St S and Elizabeth St. The location of the bridge was selected to ensure that pedestrians cease using the Guelph Junction Railway bridge as a pedestrian access route. Pedestrian use of the Guelph Junction Railway bridge presents significant safety concerns, especially as the local population grows with an increase in development.	\$2,106,100	\$137,942	Ongoing
Local Roads and Bridges	Guelph, City of	Traffic Calming Implementation	Implementation of measures addressed in the Transportation Master plan to improve traffic compliance with posted speed limits. This Project is directly related to the Council Approved Neighborhood Traffic Management Policy. It is comprised of transportation initiatives to mitigate excessive speeding of traffic. It is not just limited to signage/pavement markings but majority of which goes to installation of speed radar boards and linear traffic calming strategies	\$1,167,800	\$63,724	Ongoing
Local Roads and Bridges	Guelph, City of	Pedestrian Road Crossover Upgrades	Implementation of six signalized pedestrian crossovers on existing roadways to improve the flow and safety of pedestrians. Crossovers are being implemented on Farley Dr (between Porter Dr and Eugene Dr), Colonial Dr (between Baxter Dr and Lambeth Way), Goodwin Dr (between Pearson St and Wilkie Cr), City View Dr N (at Lee Street), Lane St (at Ryan Ave), and Delhi St (at Emma St).	\$315,000	\$118,112	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Guelph, City of	Traffic Signal Intersection Renewal and Upgrades	Replacement and upgrade of traffic signal equipment at six locations to ensure the continued operation of intersections and the safety of vehicles and pedestrians. Intersections or crossovers are being replaced or upgraded on Arkell Rd at Amos Dr and Zecca Dr, Eramosa Road at Meyer Dr, Edinburgh St at Paisley Dr, Speed Vale Ave at Edinburgh St, Dublin St at Wellington St, and Wyndham St at Wellington St.	\$5,140,800	\$859,040	Ongoing
Local Roads and Bridges	Guelph, City of	Construction of New Sidewalks in Multiple Locations	Construction of 9,120 m of sidewalk to improve the overall connectivity and connectivity of the active transportation network in accordance with a City Sidewalk study. Work is focused on areas of high demand throughout the City. Major locations impacted are Woodlawn Rd W between Nicklin and Elmira, Stone Road from Oakdale to Gordon, Imperial south of Speedvale, Watson Parkway at Cooling, and Princess St between Clark and Division Streets.	\$2,156,000	\$371,742	Ongoing
Local Roads and Bridges	Guelph, City of	Reconstruction & Resurfacing of Multiple Streets	Full depth resurfacing involved milling 45 mm of asphalt and replacing it with 45 mm of HL3. Four traveled cars lanes were additionally reduced to two lanes with a centre turn lane to add bike lanes at Willow Road and facilitate active transportation. Main routes included were Edinburgh to Applewood for 850 m, Wellington Road to Imperial for 500 m, Starwood Drive from Grange to Lee for 200 m, and Surrey Street from Gordon to Wyndham for 220 m.	\$68,296,909	\$3,260,201	Ongoing
Local Roads and Bridges	Guelph, City of	Construction of Multi Use Path on Woodlawn Road from Nicklin to Silvercreek Parkway	Construction of a multi-use path on the north and south sides of Woodlawn Road West between the existing curb and the property line from Nicklin Road to Silvercreek Parkway. Work involves placement of a 3 m wide asphalt path for active transportation use.	\$5,230,585	\$40,369	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Guelph, City of	Downey Road Active Transportation Improvements	Traffic calming measures for Downey Road from Niska to Teal Drive. In 2017, the City constructed the pedestrian refuge islands and curb bump-outs, and added crosswalk pavement markings as described above. On-street bike lanes were added along Downey Road from Teal Drive to Niska Road as per the Cycling Master Plan. 1 km of bike lane was constructed in each direction.	\$375,000	\$0	Complete
Local Roads and Bridges	Guelph/Eramosa, Township of	Seventh Line Surfacing	The project is a gravel to asphalt conversion of Seventh Line from Highway 7 to Wellington Road 50. The existing 3 km road is a gravel surface. The south portion is a growing commercial/industrial area. Traffic volumes have increased such that asphalt surfacing is warranted. The gravel conversion will reduce annual maintenance costs for the road in terms of maintenance gravel, grading and dust suppression. Minor drainage improvements such as road culvert replacement also included.	\$669,579	\$600,000	Complete
Local Roads and Bridges	Guelph/Eramosa, Township of	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.	\$1,441,422	\$170,000	Complete
Local Roads and Bridges	Haldimand, County of	Conversion of Gravel Roads	Approximately 23,800 m of gravel roads are being converted to asphalt. Work is being implemented in a four-year cycle using a bottom-up approach. Identified drainage improvements (including culvert replacements and ditching) are being implemented in Year 1. Granular material will be built up to a minimum depth of 300 mm in year 2. A thin lift of granular material will be placed and a double surface treatment applied in Year 3. And a single surface treatment will follow in Year 4.	\$3,689,700	\$997,124	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Haldimand, County of	Resurfacing Roads in Walpole	Resurfacing of approximately 6,400 m of existing LCB (low class bituminous) roads. Roads were selected for resurfacing based on the latest roads needs study. Work includes minor drainage improvements, asphalt padding, and tar and chip resurfacing - and is designed to achieve a 20 year cycle to maintain and preserve the roadway.	\$1,466,000	\$698,980	Ongoing
Local Roads and Bridges	Haldimand, County of	Surface Treatment of Gravel Roads	Conversion of road sections from gravel. Work involves drainage improvements, granular base improvements and surface treatment on Moulton-Sher Townline (North Shore Drive to Bird Road), Mt Olivet Road (Richert to Bains Road), McGowan Rd (5th Line to end), Hart Road (Road 63 to Robinson Rd), Reeds Rd (Hwy 3 to Townline Rd), Indiana Road (Turnbull to HD townline), Little Road (Road 20 to Irish Line). The total length all segments is approximately 35 km (two lane traffic).	\$3,266,200	\$19,698	Ongoing
Local Roads and Bridges	Haldimand, County of	Surface Treatment of Gravel Roads	The granular road conversion program is for the conversion of road sections from gravel. The scope includes drainage works, granular base improvements and surface treatment on Conc 1 Rd S (Junction Rd to Hald-Dunn Townline), Wilson Rd (Meadows Rd to South end), Dunn-Hald Townline (Conc Rd 1 to Rd 17), Kentucky Hill Road (Stub west of Robinson), Link Rd (Gibson to Richert Rd), South Cayuga Rd (Rd 20 to Rd 3), and Turnbull Rd (Rd 9 to Con 1 Seneca). Total length all segments ~64km (2 lane traffic)	\$4,490,900	\$1,308,488	Ongoing
Local Roads and Bridges	Haldimand, County of	Surface Treatment of Gravel Roads	Part of the granular road conversion program to convert road sections from gravel. The scope includes drainage works, granular base improvements and surface treatment of Gibson Road (Link Road to end), various segments of Wilson Road, Singer Road (from Indiana Road to end), and Dunnville Townline Road (from Caistorville Road to Highway 3). Total length of all segments is approximately 72 km (two lane traffic).	\$4,526,020	\$1,152,872	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Haldimand, County of	Resurfacing of Munsee St N from Talbot St to Indian St - Cayuga	Project involves milling 60 mm of asphalt, placing one lift of asphalt on approximately 850 m of road and replacement of all sidewalks. Project identified through 2007 Roads Needs Study.	\$553,746	\$0	Complete
Local Roads and Bridges	Haldimand, County of	Surface Treatment of Gravel Roads	Part of the granular road conversion program. Program is for the conversion of road sections from gravel. The scope involves drainage works, granular base improvements, and surface treatment. Involves Concession 9 Walpole (Haldimand Rd 18 to 53), Jenny Jump Rd (Bird Rd to stub east), Concession 10 Walpole (Sandusk to Cheapside), Abbey Rd, Stoneman Rd (Rd 66 to Rd 54), Concession 9 (Old Talbot Rd to end), Old Lakeshore Rd (New Lakeshore Rd to End). Approximately 87 km in total (2 lane traffic).	\$2,349,600	\$461,128	Ongoing
Local Roads and Bridges	Haliburton, County of	Resurfacing County Road 1 - Gelert Road	Two sections of Gelert Rd were resurfaced: one section stretching from Highway 121 to Geeza Road, and the other section extending from south of Sedgwick Rd to South Lake Road. This project is part of the County's efforts to ensure the sustainability of road infrastructure utilizing its asset management plan.	\$1,244,505	\$549,166	Complete
Local Roads and Bridges	Halton Hills, Town of	Signal Upgrade to LED at 5 Side Road and Peddle Drive	Installation of a new LED traffic signal at the intersection of 5 Side Road and Peddle Dr. The traffic signal will provide enhanced safety at the intersection for motorists.	\$25,000	\$4,376	Complete
Local Roads and Bridges	Halton Hills, Town of	Surface Treatment of 22 Side Road and Dublin Line	Surface treatment of 8.9 lane-km of road segments on Dublin Line and 22 Side Road near Acton. The existing road surface was treated to improve driving conditions and safety of motorists, as well as prolong the useful life of the roadway.	\$60,000	\$44,968	Complete
Local Roads and Bridges	Halton Hills, Town of	AODA Accessible Traffic Signal Installation	Update existing traffic control signals with Accessible Pedestrian Signals (APS) as per the Accessibility for Ontarians with Disabilities Act. The benefit of the APS upgrades is the removal of barriers for people with disabilities traversing signalized intersections. Three locations are being upgraded.	\$105,000	\$51,497	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Halton Hills, Town of	Culvert Replacement on 6th Line	<p>Engineering and construction to rehabilitate #23 Culvert on Sixth Line just north of 22nd Sd Rd. The existing culvert is in poor condition and the wingwalls are rotating outwards.</p> <p>The project will provide safe and reliable transportation ensuring the existing road network will continue to function efficiently.</p>	\$1,250,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Lauchlin Crescent Walkway Rehabilitation	<p>Undertake the design and construction for the replacement of the existing Lachlin Crescent concrete pathway. Project will include the pathway, concrete retaining walls (incl. fencing and lighting) and drainage improvements.</p> <p>Pathway improvements will improve pedestrian safety and prevent future property damage.</p>	\$350,000	\$3,640	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Maple & Main NB Turn Lane Construction	<p>The scope of this project is to construct multiple turn lanes as well as extend existing turn lanes to improve the service level of the intersections at Guelph/Maple and Main/Maple. Intersection improvements also include a slight adjustment to the east-west alignment of the intersection. This project will provide safe and reliable transportation ensuring the existing road network will continue to function efficiently, as well as improve access for emergency service vehicles.</p>	\$860,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Pedestrian Bridge Replacement	<p>The scope of this project includes the replacement of the pedestrian bridge spanning Black Creek on the West side of Main St. South in Georgetown, just north of Arborglen. The bridge was assessed as part of the regular bridge inspection program. A replacement bridge will address the structural and safety issues with the bridge structure and footings. The new bridge will additionally encourage active transportation.</p>	\$121,000	\$69,595	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Halton Hills, Town of	Harold Street Stormwater Improvements	The scope of this project is to implement improvements to the existing roadway of Harold St to address drainage concerns in the area. The construction will incorporate and accommodate for impacts from new local development in 2021 with a possible increase to overall infrastructure capacity as part of the construction.	\$1,000,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Construction of Guelph/Mill Approach Improvements	Construction of the southbound left turn lane from Mill St. on to Guelph St. and northbound right turn lane to align with the ongoing construction program for the related local development. The work also involves improvements at the intersection to ensure it meets AODA requirements. The new turn lanes are to assist and improve capacity of the roadway.	\$475,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Rural Intersection Street Lighting	This project involves installing new streetlights at rural intersections to improve road safety at night. The new streetlights will utilize LED technology in order to provide illumination at rural intersections, while also limiting the energy consumption of the new lights.	\$30,000	\$15,987	Ongoing
Local Roads and Bridges	Halton Hills, Town of	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.	\$6,025,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	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. Final locations to be completed in 2020.	\$330,000	\$3,453	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Halton Hills, Town of	Rehabilitation of Mountainview Bridge	The scope of this project is to provide engineering work to support the rehabilitation of the bridge. This project allows the Town to provide safe and reliable transportation infrastructure and ensures the existing road network continues to function properly. The planned rehabilitation work extends the overall life cycle of the bridge.	\$1,950,000	\$388,600	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Traffic Signals Upgrades	Upgrading the traffic signal capacity analysis to ensure that all signalized intersections are operating at an optimum level of service. The upgrades will result in improved traffic flow along main corridors such as Mountainview Road and Guelph Street; optimized traffic signals operation at each intersection; reduced driver frustration, and improved air quality.	\$30,000	\$0	Ongoing
Local Roads and Bridges	Halton Hills, Town of	10th Line Gabion Wall Rehabilitation/Engineering	Design and construction to stabilize a section of slope on Tenth Line to prevent future road failures associated with slope instability. Slope stabilization improvements include the reconstruction of the road base and slope using a reinforced soil system together with local drainage and guard rail.	\$650,000	\$559,834	Ongoing
Local Roads and Bridges	Halton Hills, Town of	Construction of Prince Street Improvements	Engineering, design and construction required to improve Prince Street overall functionality and pedestrian movements, between Main Street and Barraclough Boulevard. Drainage concerns will also be addressed as part of the reconstruction.	\$810,000	\$0	Ongoing
Local Roads and Bridges	Halton, Region of	Resurfacing Upper Middle Road and Guelph Line	The Region is resurfacing Upper Middle Road (from Guelph Line to Country Club Drive) and Guelph Line (from Dundas to No 2 Side Road and from No 2 Side Road to Colling Rd). This is an ongoing program to remove asphalt and replacement with new hot mix asphalt to ensure that the roads are in a state of good repair.	\$8,976,000	\$1,051,856	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Halton, Region of	Implementation of Region Wide Operational Study Improvements for Roads	For the implementation of region-wide operational study improvement recommendations such as traffic signal enhancements, signage, pole relocation, island removal, turn lanes, new signal phasing, as well as controller and ATS replacement.	\$523,000	\$30,218	Ongoing
Local Roads and Bridges	Halton, Region of	Guelph Line Resurfacing/Reconstruction in Various Locations	Resurfacing or reconstructing Guelph Line from Colling Road to Britannia Road, No. 20 Side Road to No. 25 Side Road, No. 25 Side Road to No. 30 Side Road, and No. 30 Side Road to No. 32 Side Road.	\$1,144,000	\$166,826	Ongoing
Local Roads and Bridges	Halton, Region of	Resurfacing Guelph Line, Brant Street and Neyagawa Blvd	Resurfacing of Guelph Line (Upper Middle to Dundas and Fairview to Harvester), Brant Street (403/QEW to North Service Road), and Neyagawa Blvd (Upper Middle to Dundas).	\$9,713,000	\$2,139,487	Complete
Local Roads and Bridges	Halton, Region of	Winston Churchill Blvd - Reconstruction from Terra Cotta to Balinafad Rd/32 Side Road	Reconstruction of approximately 1.2 km of Winston Churchill Boulevard in the Town of Halton Hills, in conjunction with the Region of Peel.	\$2,766,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Bridge and Culvert Rehabilitation	Region-wide rehabilitation and replacement of nine (9) bridges and two (2) culverts to maintain service levels. Work involves undertaking enhanced structure inspections, rehabilitating concrete, upgrading guide rail systems, and replacing culverts.	\$9,755,000	\$67,043	Ongoing
Local Roads and Bridges	Halton, Region of	Realignment of RR 25 at Lower Base Line Intersection	The project involves construction works related to the realignment of Bronte Road (Regional Road #25) at Lower Base Line in the Town of Milton and the Town of Oakville.	\$4,128,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Widening of Upper Middle Rd from Winston Park Dr to Winston Churchill Blvd	Upper Middle Road is being widened from Winston Park Drive to Winston Churchill Boulevard (a length of approximately 900 m). The widened road includes a four-lane urban cross section, signalization of the intersection with Winston Park Drive and an existing commercial intersection, as well as a multi-use path on the north/west side of the roadway.	\$9,853,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Halton, Region of	Design and Widening of Steeles Ave from Industrial Drive to Martin Street	The project involves the design and widening of Steeles Avenue from Industrial Drive to Martin Street, with a 4-lane urban cross section, flush median, intersection improvements, as well as dedicated bike lanes and multi-use paths on both sides of the roadway.	\$13,283,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Reconstruction of Guelph Line from North of Derry Rd to Conservation Rd	The two-lane reconstruction of Guelph Line from 1 km north of Derry Road to Conservation Road includes paved shoulders (with provisions for cycling), formalized drainage ditches, and curb and gutter to minimize impacts at rock outcrops.	\$5,093,000	\$0	Ongoing
Local Roads and Bridges	Halton, Region of	Widening RR 25 from 2 to 4 Lanes Between Highway 407 and Britannia	Widening of Regional Road 25 from 2 to 4 lanes from Highway 407 to Britannia and the re-alignment of intersection at Lower Base Line. The most significant output from this project is the development of a sustainable transportation corridor, which minimizes impacts on the environment (e.g. air quality). To meet the gas tax funding criteria the project will utilize recycled materials and install turning lanes and traffic lights to improve traffic flow.	\$14,102,785	\$0	Complete
Local Roads and Bridges	Halton, Region of	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).	\$32,645,505	\$0	Complete
Local Roads and Bridges	Halton, Region of	Widening and Realignment of Tremaine Road	The Regional Official Plan and the Transportation Master Plan envision Tremaine Road as a major north-south arterial providing regional connection west of the Town of Milton. New 4-lane road from Main Street to Steeles Ave; Widening 2 to 6 lanes from Derry Rd to Britannia Rd; new 4-lane road from Steeles to James Snow Parkway; Rail Grade Separation at CN Crossing; Bridge over sixteen Mile creek. A new Tremaine Road interchange at Highway 401 is also planned and currently in design.	\$187,219,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Halton, Region of	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.	\$8,700,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Widening Dundas Street between Oak Park Boulevard and Highway 403	Detailed design and construction for the widening of 4.1 km of Dundas St (Regional Road 5) from four to six lanes between Oak Park Blvd and Hwy 403. The need for additional capacity in this section of the corridor was confirmed as part of the Class Environmental Assessment Study filed in October 2004.	\$37,465,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Widening Steeles Avenue between Trafalgar Road and Winston Churchill Avenue	Detailed design and construction for the widening of 4.7 km of Steeles Ave (Regional Road 8) from two to four lanes between Trafalgar Rd (Regional Road 3) and Winston Churchill Blvd (Regional Road 19) in the Town of Halton Hills (Georgetown). Need for additional capacity in this section of the Highway 401 corridor was confirmed as part of the Class Environmental Assessment (EA) Study, which was filed in September 2004.	\$37,695,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Design & 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.	\$18,435,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	Design and Construction of Dundas St (RR 5) & Sixteen Mile Creek bridge	Detailed design and construction for the widening of 2.6 km of Dundas St (Regional Rd 5) from four to six lanes between Neyagawa Blvd (Regional Rd 4) and Proudfoot Trail, including a new bridge crossing Sixteen Mile Creek. Includes provision of a minimum 4.2 m wide shared curb lane along the road and across the bridge to accommodate cyclists.	\$59,270,342	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Halton, Region of	EA & Expansion of Upper Middle Road (Regional Road 38)	Class EA and widening of 0.9 km of Upper Middle Rd (Regional Rd 38) from two to four lanes between Winston Park Dr and Winston Churchill Blvd (Regional Rd 19). Includes provision of a minimum 4.2 m wide shared curb lane to accommodate cyclists.	\$540,000	\$0	Complete
Local Roads and Bridges	Halton, Region of	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.	\$16,093,447	\$0	Complete
Local Roads and Bridges	Halton, Region of	EA and Expansion of Trafalgar Road (Regional Road 3)	Class EA and widening of 5.3 km of Trafalgar Rd (Reg. Rd 3) from four to six lanes between Upper Middle Rd (Reg. Rd 38) and Hwy 407. 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.	\$78,302,000	\$2,254,884	Ongoing
Local Roads and Bridges	Halton, Region of	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.	\$19,209,151	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 313 on Arkledun Ave (Jolley Cut) over Claremont Access	Based on the OSIM bridge inspection, the existing bridge structure has become structurally deficient and is in need of rehabilitation to ensure public safety and continuity of the road network.	\$350,000	\$267,474	Ongoing
Local Roads and Bridges	Hamilton, City of	Claremont Access - Keddy Trail Development	Development of a 1.75 km trail to connect the Hamilton Mountain and the lower city. Trail is to be a three-metre-wide multi-use asphalt trail on the north side of the Claremont Access between Hunter Street and West 5th.	\$4,280,000	\$896,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Rehabilitation and Resurfacing of Southcote from Calder to Garner	In conjunction with the Ancaster Transit Study, the roadway requires widening to a four (4) lane profile to improve operation and safety. The roadway has become surface deficient and is in need of rehabilitation strategies such as resurfacing and base repairs to improve rideability and public safety. This is intended to improve related levels of service while preserving the asset from further deterioration and reducing ongoing maintenance costs.	\$5,100,000	\$1,124,641	Ongoing
Local Roads and Bridges	Hamilton, City of	Streetlight Upgrades and Replacements	To improve street lighting by upgrading street lights on residential streets and alleys, upgrading deficient existing installations, replacing old and leaning poles, and replacing decorative lighting fixtures.	\$500,000	\$92,547	Ongoing
Local Roads and Bridges	Hamilton, City of	Urbanization of Springbrook Avenue from Regan to Garner	Urbanization of Springbrook Avenue to an urban standard from Garner Road to Lockman Drive. Construction is being completed in conjunction with the new development.	\$3,000,000	\$225,000	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Haddon from Sterling to Marion	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is to be coordinated with watermain replacement.	\$676,000	\$537,000	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of North Service Road from Centennial Pkwy to Drakes	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs.	\$1,470,000	\$882,106	Ongoing
Local Roads and Bridges	Hamilton, City of	Urbanization of First Road West from Green Mountain Road to Mud Street	Urbanization of First Road West from Green Mountain Road to Mud Street to be completed in conjunction with the Red Hill Phase 1 development. The roadway is in need of urbanization. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project also includes watermain replacement.	\$5,810,000	\$624,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Reconstruction of Highway 8 from Hillcrest to Park	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with sewer upgrades.	\$1,010,000	\$744,202	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Cedar St, Fern Ave, and Braeheid Ave	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs. This project will be coordinated with the installation of a new layby adjacent to Guy B. Brown Elementary School.	\$1,580,000	\$680,000	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Strachan from James to the East End	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with watermain replacement and sewer upgrades.	\$190,000	\$1,778	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Delana, Beland, and Dunsmore	The roadway on Delana and Beland (from Queenston to Glengrove) has become structurally deficient and is in need of reconstruction. This project is being coordinated with watermain replacement. Dunsmore Rd is being resurfaced only from Parkdale to Reid. This will improve the level-of-service, increase safety, and reduce maintenance costs.	\$190,000	\$2,356	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Roxborough from Kenilworth to Strathearne	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with watermain replacement.	\$1,200,000	\$1,065,724	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation and Resurfacing of Beach Blvd from Woodward to Eastport	The roadway has become surface deficient and is in need of rehabilitation strategies such as resurfacing and base repairs to improve rideability and public safety. This is intended to improve related levels of service while preserving the asset from further deterioration and reducing ongoing maintenance costs.	\$2,700,000	\$1,238,911	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Rehabilitation and Resurfacing of Book Road from Southcote to Glancaster	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs.	\$610,000	\$448,734	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing & Rehabilitation of Claremont Access from Inverness to Main	The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with binwall removal.	\$1,984,000	\$1,083,113	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation and Resurfacing Work on Local Escarpment Roads	Minor rehabilitation/resurfacing work (required to maintain public safety) on the escarpment due to natural erosion processes or sudden local escarpment failure. Work is required to protect sections of New Mountain Road, Sherman Access East, and other local escarpment roads.	\$1,034,000	\$110,785	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Highway 8 from Woodleys Lane to Hillcrest	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety, and reduce maintenance costs. This project is being coordinated with drainage/sewer upgrades. The road platform is additionally being widened to better accommodate cycling.	\$1,380,000	\$1,033,962	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Central Neighbourhood Roads - Hess St N and Colbourne St	In accordance with the Local and Collector Road Asset Preservation Strategy, Hess St N (from Cannon St W to Barton St W) and Colbourne St (from Bay St N to MacNab St N) are being rehabilitated. These roadways have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, reduce risk and liability, and reduce maintenance costs.	\$560,000	\$69,306	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Resurfacing & Rehabilitation of Lincoln M. Alexander Parkway	The section of roadway between Upper James and the Red Hill Valley Parkway has become surface deficient and is in need of resurfacing and base repairs to improve ride-ability and public safety. This is intended to improve the level-of-service while preserving the asset from further deterioration, as well as reducing ongoing maintenance costs. Works will include the roadway and associated on/off ramps. Condition assessment of subsurface appurtenances are completed and cleared.	\$2,700,000	\$1,425,031	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing & Rehabilitation of roads in the Homeside Neighbourhood (South)	In accordance with the Local and Collector Road Asset Preservation Strategy, Garside Ave N (from Dunsmure Rd to Britannia Ave), Cameron Ave N (from Main St E to Cannon St E), and Farfield Ave and Strathearne Ave (both Main St E to Britannia Ave) are being rehabilitated. These roadways have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, and reduce maintenance costs.	\$1,230,000	\$1,123,877	Ongoing
Local Roads and Bridges	Hamilton, City of	Queenston Bridge Rehabilitation	Based on the OSIM bridge inspection, it has been determined that the existing culvert has become deficient and is in need of rehabilitation to extend the asset's life and performance. This is intended to reduce the risk to public safety, while maintaining continuity of the road network.	\$190,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 441 on Harrison Rd	Based on the OSIM bridge inspection, it has been determined that the existing bridge has become deficient and is in need of replacement. This is intended to reduce the risk to public safety while maintaining continuity of the road network.	\$680,000	\$35,259	Ongoing
Local Roads and Bridges	Hamilton, City of	Replacement of Bridge 150 on Tapleystown Rd	Based on the OSIM bridge inspection, it has been determined that the existing bridge has become deficient and is in need of replacement. This is intended to reduce the risk to public safety while maintaining continuity of the road network.	\$400,000	\$80,014	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Railway Crossing Upgrades	To conduct a safety assessment and complete resulting repairs and rehabilitation to 13 railway crossings in the City of Hamilton in order to meet Federal legislative requirements. Legislative requirements require that we conduct a full assessment of all railway crossings in the City of Hamilton and conduct remedial improvements at the railway crossings.	\$1,563,000	\$55,405	Ongoing
Local Roads and Bridges	Hamilton, City of	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.	\$1,000,000	\$190,104	Complete
Local Roads and Bridges	Hamilton, City of	Battlefield Park Bridge Replacement	The vehicular bridge that connects the east side of Battlefield Park National Historic Site to the west side has severe structural deficiencies and needs to be replaced. Currently the bridge has been blocked to vehicular traffic as it was judged unsafe by a structural engineer.	\$500,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Conversion from One-Way to Two-Way Traffic on Victoria Ave	To implement the conversion of Victoria Avenue North (from Ferrie Street to Barton Street) from one-way traffic to two-way traffic. Work follows from the conversion of Victoria Avenue North - Phase 1 from Burlington Street to Ferrie Street.	\$450,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Traffic Signal Modernization	Modernization of traffic signals at seven intersections. Work involves the reconstruction of signals where required due to roadway reconstruction.	\$1,100,000	\$252,780	Ongoing
Local Roads and Bridges	Hamilton, City of	Implementation of Traffic Calming Measures	To implement traffic calming devices to assist in physically altering driver behaviour at identified locations throughout the City of Hamilton to create safer streets for both pedestrians, cyclists and motorists.	\$368,287	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Central Neighbourhood North Road Construction	Approximately 0.68 lane-km of roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is to be coordinated with watermain replacement.	\$1,800,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Parkdale to Burlington N Road Reconstruction	Rehabilitation of Parkdale Ave (from Burlington St to the north end) and Steel City Crt (from Parkdale Ave to 400 m easterly). These roadways have become structurally deficient and are in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is to be coordinated with watermain replacement and sewer upgrades.	\$3,114,345	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Cheever/Birge Road Reconstruction	Reconstruction of Cheever St (from Barton St to Birge St) and Birge St (from Cheever St to Wentworth St). This roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is to be coordinated with sewer upgrades and watermain replacement.	\$380,000	\$9,084	Ongoing
Local Roads and Bridges	Hamilton, City of	Eastmount Neighbourhood Road Reconstruction	Reconstruction of Brucedale Ave (from Upper Wentworth St to Upper Sherman Ave). The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is to be coordinated with watermain replacement.	\$1,241,339	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Reconstruction of Brampton St (Parkdale Ave to Strathearne Ave)	The roadway has become structurally deficient and is in need of reconstruction. This will improve the level-of-service, increase safety and reduce maintenance costs. This project is to be coordinated with watermain replacement.	\$1,340,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Inspection and Rehabilitation of Sidewalks	Inspection and replacement of existing sidewalks/approach aprons throughout the city, reducing liability, increasing public safety and extending life expectancy. This project focuses on the replacement of deficient concrete infrastructure in areas not scheduled for capital replacement.	\$743,119	\$90,274	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation - Britannia, Cannon, Garside, Cameron & Crosthwaite	Resurfacing and rehabilitation of Britannia Ave (from Strathearne Ave to Kenilworth Ave), Cannon St (from Kenilworth Ave to Britannia Ave), and Garside Ave, Cameron Ave and Crosthwaite Ave (each from Cannon St to Britannia Ave). The roadway has become surface deficient and is in need of resurfacing and base repairs. This will extend the life of the roadway, improve the level-of-service, increase safety and reduce maintenance costs.	\$930,000	\$66,912	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation - Mountview Neighbourhood	In accordance with the Local and Collector Road Asset Preservation Strategy, approximately 7.4 lane-km of the roadways within this neighbourhood have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, reduce risk and liability, and reduce maintenance costs.	\$2,402,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation - Buchanan Neighbourhood	In accordance with the Local and Collector Road Asset Preservation Strategy, approximately 6.5 lane-km of the roadways within this neighbourhood have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, reduce risk and liability, and reduce maintenance costs.	\$1,870,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation - Balfour Neighbourhood	In accordance with the Local and Collector Road Asset Preservation Strategy, approximately 8.5 lane-km of the roadways within this neighbourhood have become surface deficient and are in need of resurfacing and base repairs. This will extend the life of the roadways, improve the level of service, increase safety, reduce risk and liability, and reduce maintenance costs.	\$2,400,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	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.	\$2,790,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Reconstruction of Streets Adjacent to Central Park	Reconstruction of 1.9 lane-km of streets adjacent to Central Park (Sheaffe, Caroline, Cannon [local leg], Railway, Mill, Harriet, Windsor) including upgrades to watermain, sanitary, and storm through Central Park. Work is being coordinated with Central Park soil remediation and park redevelopment.	\$3,890,000	\$620,133	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of Multiple Local Roads	Reconstruction of 7.36 lane-km of structurally deficient roadways to improve the level of service, increase safety and reduce maintenance costs. The work is being coordinated with watermain replacement and include the reconstruction of Locke Street (including iron watermain with all pipe joints and fittings restrained and full depth granular A backfill) and saw cutting concrete road base along Pearl St (and restoration of sidewalk after watermain break).	\$7,340,000	\$40,676	Ongoing
Local Roads and Bridges	Hamilton, City of	Traffic Signal Modernization at Four Intersections	Traffic signals are being modernized at four intersections: Rymal Rd at West 5th St, Mohawk Rd at Upper Ottawa St, Governors Rd at Moss Blvd, and Governors Rd at Huntingwood Ave.	\$650,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Two way Conversion of Victoria Avenue North from Burlington Street to Ferrie Street	To convert Victoria Ave North road from one-way traffic operation to two-way traffic operation, from Burlington Street to Ferrie Street. Work involves upgrading the railway crossing on Victoria Ave N.	\$360,000	\$234,843	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Barton, Governors & Red Hill Valley Parkway	32.4 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.	\$16,794,919	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing and Concrete Rehabilitation of Burkholme Neighbourhood Roadways	Resurfacing of 13.9 km of roadway along with concrete rehabilitation as required. This improves related levels of service while preserving the asset from further deterioration, and reducing ongoing maintenance costs.	\$4,700,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	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.	\$1,000,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Implementation of Bike Lanes	To create and improve 3.441 km of cycling infrastructure through the implementation of lanes, signed routes and cycling infrastructure in coordination with yearly road construction projects. Involves Rymal Rd (Garth to West 5th and Hazelton Ave) and Governors Road (Creighton to Davidson).	\$450,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Multiple Roads Bruleville, Stipley, Red Hill etc.	This project involves the resurfacing of residential streets in the Red Hill (South), Stipley (South) (Main to Cannon), Bruleville (North), Yeoville & Sherwood neighbourhoods (a total length of 172.94 lane-km). The work includes curb and sidewalk repairs, mill and overlay of asphalt surfacing, and base asphalt repairs.	\$15,854,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Reconstruction & Rehabilitation of Multiple Roads	Resurfacing and reconstruction of approximately 7.74 km of road. Work involves stripping existing asphalt to existing granular base, planing asphalt 40 mm thick and 600 mm wide, excavating, supplying and placing Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement, removing the median island and rehabilitating part of the road.	\$14,239,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Replacement of Bridge 452 - Centennial Pkwy	Replacement of bridge 452 on Centennial Pkwy. Project scope includes bridge replacement, construction of new piers and superstructure and associated road reconstruction. The existing bridge structure has become deficient and is in need of replacement in order to reduce the risk to public safety while maintaining continuity of the road network. This project is in coordination with GO Transit, CN Rail, road, water and sewer works.	\$509,000	\$320,000	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Multiple Local Roads	This project entails the resurfacing of all the residential streets in the Southmeadow/ Berrisfield/Scenic Woods/Stoney Creek neighbourhoods along with curb & sidewalk repairs, mill and overlay of asphalt surfacing, and base asphalt repairs. Road resurfacing work includes granular A base followed by a HL-4 Hot Mix Asphalt. Approx. total length of roads reconstructed is 316.94 lane Km.	\$32,034,000	\$2,665	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction of West 35th & Bowman Sts. with Sherman Access Retaining Wall Replacement	Reconstruction of West 35th (Scenic to end), Bowman (south end to Willowcrest) and Ainslie (Emerson to east end) approx. 0.79km of roads ; replacement of various deteriorated sections of retaining wall (bin wall) along the Sherman Access in order to increase safety and reduce maintenance costs; and disposal of contaminated soils; excessive rock/soil removal from surface; and granular quantity overruns.	\$4,693,387	\$2,354,382	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Replacement of Bridges on Birch Ave and McMurray St	Based on the OSIM bridge inspection and additional investigations completed, bridge structures listed below have become deficient and are in need of replacement in order to reduce the risk to public safety while maintaining continuity of the road network: Bridge 330 on Birch Ave (75 m south of Burlington St E), Bridge 332 on Birch Ave (95 m north of Princess St) and Bridge 090 on McMurray St (100 m south of Hatt St).	\$378,000	\$72,522	Ongoing
Local Roads and Bridges	Hamilton, City of	Resurfacing & Rehabilitation of Amberly Blvd, Greenhill Ave, Quigley Rd and Ridge Rd	Road resurfacing and reconstruction involves stripping existing asphalt to the existing granular base, planing asphalt 40 mm thick and 600 mm wide, excavating, supplying and placing Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement, removing the median island and rehabilitating part of the road.	\$7,266,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Reconstruction and Resurfacing of Various Roads including Greenhill Ave, Rymal Rd & Melvin Ave	Reconstruction and resurfacing of various local roads (Greenhill - Mount Albion to Summercrest, Rymal - Dartnall to Fletcher, Hwy 8 Culvert (Dundas Hill), Brunswick / Talbot / Osbourne / Waverly / Melvin, Rymal - Upper Paradise to Garth etc.). Removing existing asphalt and granular base (120 mm deep) and plane asphalt 25 mm thick and 600 mm wide. Supply and place surface course asphalt, superpave 9.5 (Traffic Category C), PG 64-28 asphalt cement, 40 mm thick.	\$19,601,000	\$3,042,000	Ongoing
Local Roads and Bridges	Hamilton, City of	Rehabilitation of Bridge 275 on York Blvd North of Valley Inn Rd	Rehabilitation of Bridge 275 on York Blvd north of Valley Inn involves the installation of heavy duty siltation control fencing, removal of the railing system and concrete posts, scarification of 40 mm of the existing concrete bridge deck, removal of delaminated/spalled concrete from the concrete deck, reconstruction of the retaining wall, railing, curbs and all restoration and replacement of the existing wooden railing with a decorative railing.	\$10,000,000	\$16,194	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, City of	Reconstruction and Resurfacing of Various Roads	Reconstruction and resurfacing of various local roads, involving road and sidewalk reconstruction and associated works, stripping existing asphalt to the existing granular base, planing asphalt 40 mm thick and 600 mm wide, excavating, supplying and placing Superpave 19.0, (Traffic Category D), PG 64-28 asphalt cement, removing the median island and rehabilitating part of the road.	\$40,450,000	\$0	Ongoing
Local Roads and Bridges	Hamilton, City of	Replacement of Several Bridges	Replacement of eight bridges. Bridges are located on Highway 5, Concession 5 W, Highway 52, Mill St, King St (40 m east of Elm), King St E (over Kenilworth Ave), Woodburn Rd (760 m north of Guyatt Rd) and Harrison Road.	\$12,919,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	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.	\$11,000,000	\$0	Complete
Local Roads and Bridges	Hamilton, City of	Resurfacing and Rehabilitation of Various Roads including Garth St, King St and Hwy 8	Road resurfacing and rehabilitation of various local roads (Garth - Stone Church to Rymal, King - Battlefield to Applewood / Mountain / Rosedale - Council, Highway 8 - Gray to Fruitland). This project will include the placement of sidewalks and curbs and is to be coordinated with watermain replacement and storm sewer installation.	\$30,500,000	\$103,620	Ongoing
Local Roads and Bridges	Hamilton, Township of	Resurfacing Oliver's Lane	Pulverizing and resurfacing Oliver's Lane from Division Street North to 140 m north of Lenore Avenue. The project resulted in improved drainage from the roadway and discharging it into an approved ditch. In the past, the township had received inquiries about the road being submerged under water, which could result in a hazard and risk to the public. The new roadway will be much smoother which will result in less wear and tear on vehicles and roadway, and improved pedestrian traffic.	\$250,000	\$140,826	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hamilton, Township of	Lakeshore Drive Reconstruction	This project was a full road reconstruction, which improved the drainage from the roadway to underground infrastructure. We replaced all of the sub soils with proper Granular 'B' and Granular 'A' and then placed a layer of hot mix asphalt. We installed curb in gutters to channelize the flows and direct water to storm sewer infrastructure. The new road is more consistent and allows for traffic to operate more efficiently, which ultimately reduces wear on vehicles and the roadway.	\$890,615	\$382,979	Complete
Local Roads and Bridges	Hamilton, Township of	Rehabilitation of Cornish Hollow Rd from County Rd 74 to 1.2 km north of County Rd 74	Rehabilitation of Cornish Hollow Road from County Rd. 74 to 1.2 km north of County Rd. 74. Work involved base preparation, granular 'A' and 'B' replacement, earth excavation and paving of approximately 1.2 km.  Results achieved from work included smoother road surface, improved drainage and improved base stabilization.	\$387,606	\$0	Complete
Local Roads and Bridges	Hanover, Town of	8th St & 14th Ave Road & Infrastructure Reconstruction	470 m of road is being reconstructed, along with 460 m of watermain replacement, 410 m of sewer replacement and 450 m of storm sewer replacement. 375 m of sidewalk is also being included in this reconstruction.	\$1,394,862	\$180,000	Ongoing
Local Roads and Bridges	Hanover, Town of	Surfacing 14th Avenue and Adjacent Streets	450 m of linear road are being upgraded. There is currently extensive wheel rutting on 14th Ave which requires excavation to replace the granular base prior to repaving. The adjacent 2nd St. "A" crescent area has extensive cracking and requires removal of asphalt and regrading prior to paving.	\$377,000	\$0	Ongoing
Local Roads and Bridges	Harley, Township of	Resurfacing Hanbury Road and Sale Barn Road	The Township of Harley procured contractors to crush and haul gravel for the purpose of resurfacing Hanbury Road (for 2 km) and Sales Barn Road (for 2 km). These unpaved roads are being resurfaced to maintain the level of service that they deliver and to provide residents with safe roadways.	\$117,024	\$57,593	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Harris, Township of	Resurfacing Dawson Point Road	Rehabilitation of Dawson Point Road (approximately 3.8 km) is required to improve the level of service in the area for the movement of traffic. This project (beginning in 2019 with 884 m of Dawson Point Road) will pulverize and place 2" of granular A and then 50 mm of Superpave, tie in the driveways and raise the shoulders. The remaining 3 km of Dawson Point Road will be done over the next 5 years.	\$400,000	\$0	Ongoing
Local Roads and Bridges	Hastings Highlands, Municipality of	Asphalt Hot Mix Resurfacing of Musclow Greenview Rd	<p>The municipality is applying hot mix asphalt (50 mm of HCB) to two sections of Musclow Greenview Rd: a 4 km long section running from 1 km past the bridge deck to the east end of East Loop Rd, and a 1.8 km long section running from Cross Country Rd to Mountney Rd.</p> <p>Musclow-Greenview was targeted for investment in our improvement plan and five-year roads plan. The road is heavily travelled, used as an alternate route to the main Hwy 62, and was in poor condition.</p>	\$580,300	\$506,463	Complete
Local Roads and Bridges	Havelock-Belmont-Methuen, Township of	Rehabilitation of 8th Line	Approximately 1 km of 8th Line was rehabilitated. Work involved scarifying the road, installing geotextile woven cloth, raising the subgrade base, grading, and applying a double surface treatment. The road base had to be lifted significantly in areas due to it being a previous corduroy road and this road would have several seasonal issues with washouts and wash boarding. The Township also improved drainage for seasonal issues and installed One 300 mm x 12 m culvert.	\$142,905	\$142,905	Complete
Local Roads and Bridges	Havelock-Belmont-Methuen, Township of	Rehabilitation of Burnt Dam Road	Approximately 1 km of Burnt Dam Road was rehabilitated. Work involved the replacement of cross culverts, ditching, brushing, grubbing, road base improvements, and the application of a double layer surface treatment. Two 300 mm x 6 m culverts (at the same location), one 375 mm x 40' cross culvert, and one 300 mm x 48' culvert were also installed. The road base was improved as well for better sightlines at intersections. Drainage was also improved for seasonal events.	\$66,363	\$66,363	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Havelock-Belmont-Methuen, Township of	Replacement of Two Culverts on 3rd Line	The Township replaced two failing culverts (both 900 mm x 12 m) to prevent road failures and maintain current service levels. Culverts were additionally upgraded from steel to HDPE plastic culverts to ensure longer life.	\$35,117	\$35,117	Complete
Local Roads and Bridges	Hawkesbury, Town of	Resurfacing Part of Ghislain St, Tupper St, Spence Ave, James St, Cécile St and Réjane St	Paving a part of Ghislain St. (550 m), Tupper St. (300 m), Spence Ave. (75 m), James St. (350 m), Cécile St. (160 m) and Réjane St. (430 m). We did full depth grinding and paved 75 mm of asphalt on all streets except Tupper and Spence. On Tupper street, we did partial grinding and 50 mm of asphalt and Spence, we did a full reconstruction of the road.	\$500,000	\$493,662	Complete
Local Roads and Bridges	Hawkesbury, Town of	Traffic Signals Evaluation & Replacement	The traffic light study evaluates the existing traffic signals and turning movements/traffic lanes at eight intersections within the Town. Since the opening of the Highway 50 in Quebec, traffic patterns have changed significantly. For this reason and also because the Town's existing signals are dated and at the end of their useful life, it is our intention to replace all 7 traffic lights gradually within the next 5 to 10 years.	\$845,000	\$0	Ongoing
Local Roads and Bridges	Highlands East, Municipality of	Clement Lake Road & Norwalk Rehabilitation	A 2.2 km section of Clement Lake Road and 0.5 km section of Norwalk Road is being rehabilitated. The work to be completed on this 2.7 km stretch of roadway consists of ditching, the replacement of cross culverts, removal of the asphalt surface, graveling, and resurfacing with double surface treatment.	\$202,276	\$101,414	Complete
Local Roads and Bridges	Hilliard, Township of	Rehabilitation of the Approach to Bridges on Veley Road and Swamp Hollow Road	Bridge approach asphalt rehabilitation on Veley Road and Swamp Hollow Road. Remove existing asphalt, preparation of grade and supply and haul hot mix asphalt.	\$3,765	\$3,765	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Hilton, Township of	Garside Road West Surface Treatment	In 2009, we reconstructed the first kilometre of Garside Rd West to the snowplow turnaround. The remainder of Garside Rd West (1.2 km) leads to a waterfront subdivision of approximately 50 lots. This project will remove stumps and roadside stones and brush to aid snow storage (create ditch) and roadside mowing. Fresh gravel will be put down with surface treatment to follow from the plow turnaround to the intersection with Ellwood Boulevard.	\$71,969	\$20,000	Complete
Local Roads and Bridges	Horton, Township of	Rehabilitation of Multiple Gravel Roads	The Township of Horton chooses gravel roads annually that are in need of rehabilitation. These roads are chosen in conjunction with our Roads Needs Study as well as our Asset Management Plan to ensure that the lifecycle of the road reaches what it should. Approximately 5 lane-km of road were rehabilitated under this project.	\$43,736	\$40,000	Complete
Local Roads and Bridges	Horton, Township of	Rehabilitation of Cotieville Road	Work included a complete resurfacing with 100 mm of granular A and 50 mm of HL4 along with cross culvert replacements and drainage improvements to alleviate ponding.  This is the main arterial road accessing the community of Cotieville. The road had not been significantly rehabilitated in over 25 years and was flagged for rehabilitation in the Township's Road Management Plan. This work will improve access to Highway 60 for residents and business owners of Cotieville for many years to come.	\$194,695	\$186,549	Complete
Local Roads and Bridges	Howick, Township of	Spencetown Road Reconstruction	Rebuilding of 1 block (2,000 m) on Spencetown Rd located between Fordwich Line and Tollgate Line. Work involved removing the existing gravel surface, installing new cross pipes and new subbase materials of granular B, laying a new gravel surface with granular A, and ditching of the roadway. The object is to provide a much safer roadway with lower maintenance costs, as the old surface would frequently become unsafe very quickly due to pot holes and or an unstable surface course.	\$441,204	\$441,204	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Huntsville, Town of	Echo Bay Reconstruction	Echo Bay Reconstruction - 700 m of Road Reconstruction on Echo Bay Road, 2.2 km South of District Road 3, off Brunel Road and South Fairy Lake Road. The road is approximately 30 years old and has shown for some time frost heaving, settlement, medium to wide longitudinal and transverse cracking, and rutting. The condition of the urban section of the road is worse in the eastern end. Previous Roads Needs Studies, has identified Echo Bay Road reconstruction for many years.	\$918,932	\$601,143	Complete
Local Roads and Bridges	Huron East, Municipality of	Rehabilitation of Boundary Culvert on Perth Rd 183 North of Tile Road	The culvert located north of Tile Road on Perth Rd 183 is a boundary culvert identified in our Bridge Report for replacement. The Inspection Report indicated significant corrosion below the spring line and at the base of the culvert. The culvert is perched above the stream bottom by 1.0 m. Sheet pile retaining walls are actively rotating and the retaining wall at the southwest corner has failed.	\$125,537	\$33,741	Complete
Local Roads and Bridges	Huron Shores, Municipality of	Maple Ridge Road Resurfacing	The project involves the double surface treatment of 1.4 km of roadway. The project will reduce the probability of asset failure and/or service interruptions, achieve service levels established by the Asset Management Plan, promote safe active transportation for vehicles and Amish buggies, and improve/extend the lifespan of the asset.	\$67,821	\$67,600	Complete
Local Roads and Bridges	Huron Shores, Municipality of	Resurfacing Brownlee Road South	The project involves the double surface treatment of 0.8 km of roadway. The project will reduce the probability of asset failure and/or service interruptions, achieve service levels established by the Asset Management Plan, promote safe active transportation, and improve/extend the lifespan of the asset.	\$39,341	\$39,200	Complete
Local Roads and Bridges	Huron Shores, Municipality of	Resurfacing Brownlee Road North	The project involves the double surface treatment of 1.2 km of roadway. The project will reduce the probability of asset failure and/or service interruptions, achieve service levels established by the Asset Management Plan, promote safe active transportation, and improve/extend the lifespan of the asset.	\$55,146	\$50,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Huron Shores, Municipality of	Dean Lake Road Reconstruction	<p>The project consists of building up the road base over a 1 km section of Dean Lake Road in preparation for resurfacing in 2021.</p> <p>The project will reduce the probability of asset failure and/or service interruptions, achieve service levels established by the Asset Management Plan, promote safe active transportation (once resurfaced in 2021), and improve/extend the lifespan of the asset.</p>	\$49,766	\$40,000	Complete
Local Roads and Bridges	Huron, County of	County Rd 12 Reconstruction - Phase 2	Coordinated reconstruction between the County of Huron and the Municipality of Huron East to reconstruct the road, including drainage improvements, installation of sewer systems and water system improvements. Work runs from the Egmondville Bridge (82 m south of Front Rd) to Goderich St (Provincial Hwy 8). This project is critical to allow the downtown revitalization of Seaforth and the extension of sanitary services to accommodate growth.	\$5,071,727	\$2,929,492	Ongoing
Local Roads and Bridges	Huron-Kinloss, Township of	Corrugated Steel Culvert Replacement on Kairshea Avenue	This project involves the replacement of two large corrugated steel culverts on Kairshea Avenue. The existing culverts have an unknown construction date and are in poor condition, with rusting and section loss. The existing road surface is gravel and the Township intends to pave the roadway in the future, therefore this project will minimize potential risk.	\$280,000	\$202,842	Complete
Local Roads and Bridges	Huron-Kinloss, Township of	Rehabilitation of Concrete Rigid Frame Bridge	The existing 10.7 m span concrete rigid frame bridge was constructed in 1961 with an exposed concrete deck with .2 m of gravel fill. The structure is 8.4 m wide with a roadway width of 7.4 m. No prior rehabilitation has taken place. The proposed rehabilitation will address deficiencies with the deck edge, soffit, vertical edges, curbs, railings, drains and wingwalls.	\$275,000	\$272,031	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Ignace, Township of	Rehabilitation of West Street, Lakeshore Drive, and Pine Street	The asphalt was pulverized and removed along with unsuitable base and subgrade material. Granular A and B was used to rebuild the base to achieve new longitudinal grades and improve crossfall. Catch basins and dry wells were added to improve drainage. Besides the two lanes, swales were paved to reduce runoff infiltration into the base material. 4.93 lane km of roads was rehabilitated in this project.	\$3,873,131	\$0	Complete
Local Roads and Bridges	Ingersoll, Town of	Rehabilitation and Resurfacing of Charles St E	Charles St E received a full depth repaving from Thames St to Harris St. The existing topcoat and basecoat asphalt was classified as a failure and identified as such in the asset management plan. The road was beyond spot repairs and required a fully reconstructed asphalt surface.	\$504,556	\$227,387	Complete
Local Roads and Bridges	Ingersoll, Town of	Top Coat Application on North Town Line W	A top coat of asphalt was applied to North Town Line W from the Town Limits to Thames St N to finish the full reconstruction project that was completed in 2019. The road was in very poor condition prior to the initial reconstruction.	\$90,697	\$49,557	Complete
Local Roads and Bridges	Ingersoll, Town of	Top Coat Application on North Town Line E	A top coat of asphalt was applied to North Town Line E from Mutual St to Pemberton St to finish the full reconstruction project that was completed in 2019. The road was in very poor condition prior to the initial reconstruction.	\$58,985	\$58,985	Complete
Local Roads and Bridges	Ingersoll, Town of	Milling and Paving North Town Line E	North Town Line E was milled and paved from Thames St to Mutual St. The existing asphalt required replacement in accordance with the Town's asset management plan. The condition of the existing asset was poor.	\$91,694	\$40,127	Complete
Local Roads and Bridges	Innisfil, Town of	Traffic Calming Measure Improvements	Address traffic calming and traffic safety needs on a town-wide basis and implementation of works recommended by the School Zone/Traffic Safety Advisory Committee. The Town's consultant is to review the road network, determine location and implement up to 3 pilot projects spread town-wide. The pilot projects will incorporate innovative methods of traffic calming.	\$700,000	\$42,259	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Innisfil, Town of	Road Rehabilitation - Multiple Streets	Complete design and construction of road paving, including resurfacing of paved roads and asphalt overlay of gravel roads, over 33.8 km of roads from 2019 to 2021. These upgrades provide safe and serviceable road pavement to maximize sustainability. These projects improve the quality of the environment through reducing greenhouse gas emissions, resulting in cleaner air and water.	\$21,719,524	\$2,077,672	Ongoing
Local Roads and Bridges	Iroquois Falls, Town of	Rehabilitation of Two Culverts on Jacob's Hill Road	Culvert No. 2 is a 1.8 m diameter, 53 m long structural plate culvert. It is being lined with a 1.3 m diameter, 53 m long HDPE liner.  Culvert No. 3 is a 1.2 m diameter, 38 m long corrugated steel pipe culvert. It is being lined with a 0.9 m diameter, 38.5 m long HDPE liner.	\$570,268	\$400,000	Complete
Local Roads and Bridges	Iroquois Falls, Town of	Rehabilitation of Jacob's Hill Road Culvert	Culvert No.1 is a 1.7m diameter, 71.3m long structural plate culvert. It is being lined with a 1.3m diameter, 72.5m long HDPE liner.	\$431,386	\$0	Complete
Local Roads and Bridges	James, Township of	Paving a Section of River Street East at Bear Creek Bridge	Work involved resurfacing a section of River St E abutting Bear Creek measuring 28 m long and 8 m wide and installing 24 m of concrete curb and gutter to mitigate future erosion.  Ministry of Transportation (MTO) reconstructed the Bear Creek Bridge on Hwy #65. The east end of the bridge and River St E meet. With the new bridge layout and curb and gutter and storm drain required on MTO right of way, Council deemed it prudent to tie River St E into this new infrastructure.	\$22,280	\$22,280	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Jocelyn, Township of	5th Side Road Reconstruction - 2nd to the 4th	<p>This project includes a complete rebuild of the 5th Side Road from the 2nd Concession to the 4th Concession. Work involves rebuilding the road base, adding 6" of gravel, grading and shaping, and applying double surface treatment. Roadside ditching, tree removal and brushing are also part of the project.</p> <p>This road connects the north and south ends of our Township and provides access to Fort St. Joseph and other key destinations. Work was required to address wheel rutting and other concerns.</p>	\$257,920	\$53,359	Complete
Local Roads and Bridges	Johnson, Township of	Replacement of Eight Culverts	Eight failing culverts (five 450 mm and three 900 mm) were replaced. Four culverts were located on McDonald Rd, two were located on Deplonty Rd, and two were located on Government Rd.	\$35,000	\$34,561	Complete
Local Roads and Bridges	Johnson, Township of	Flooding Mitigation on Desbarats Lake Side Road	Desbarats Lake Side Road was low enough that it flooded every year and 'use at own risk' signs needed to be erected. The Township therefore lifted and reapplied gravel to sections of the road (totaling approximately 2 km), mitigating flooding and improving access and safety for local residents.	\$42,000	\$41,770	Complete
Local Roads and Bridges	Johnson, Township of	Gordon Lake Road Resurfacing	Single surface treatment was applied to 1.4 km of roadway and double surface treatment was applied to 1.1 km of roadway in 2019. Single surface treatment was applied to an additional 2 km of roadway in 2020.	\$156,000	\$56,270	Complete
Local Roads and Bridges	Joly, Township of	Resurfacing Local Gravel Roads	This project is for the application of a granular M lift to approximately 2.8 km of high traffic routes in Joly Township. The objective of this project is to return the roadway to a good state of repair and ensure a smooth and safe surface for the travelling public.	\$74,794	\$24,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Kapuskasing, Town of	Asphalt Resurfacing of Cournoyer and De L'Etang Boulevard	The Town resurfaced the full length of Cournoyer St and De L'Etang Boulevard to improve surface drainage and ensure that the water properly drains into storm sewers. Work involved pulverizing the existing asphalt, rehabilitating catch basins, manholes and water valves to prevent infiltration, and establishing a swale on both sides of the street for proper drainage.	\$322,794	\$322,794	Complete
Local Roads and Bridges	Kawartha Lakes, City of	St. Mary's Bridge Replacement	The City is replacing a bridge crossing the Pigeon River on St Mary's Road. The structure was selected for replacement based on the legislated structural assessment program, the City's asset management plan, and the development charges study.	\$802,000	\$153,000	Ongoing
Local Roads and Bridges	Kawartha Lakes, City of	Resurfacing 35.47 km of Rural Roadway throughout Kawartha Lakes	The City is resurfacing and upgrading 35.47 km of paved rural roadways. Roads are selected based on the five-year roads capital plan and asset management plan. Where warranted, work also involves paving of gravel roadways with high-float or asphalt or capping high-float roadways with asphalt.	\$3,720,000	\$1,156,030	Ongoing
Local Roads and Bridges	Kawartha Lakes, City of	Resurfacing of 4.754 km of City of Kawartha Lakes Road 48	The City is resurfacing and upgrading 4.754 km of Road 48 in accordance with the five-year roads capital plan, haul route needs, and asset management plan.	\$2,488,000	\$1,488,000	Ongoing
Local Roads and Bridges	Kawartha Lakes, City of	Reconstruction of 1.887 km of Road within Lindsay	The City is reconstructing 1.887 km of road in Lindsay. Work involves upgrades to urbanize road right-of-ways and support growth and development. Roads are identified based on the five-year roads capital plan, asset management plan, development charges study, streetscape and facade guidelines, accessibility plan and urbanization needs.	\$9,213,000	\$5,800,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Kawartha Lakes, City of	Urban/Rural Road Reconstruction	This project addresses urban/rural road reconstruction needs as identified by the Roads Needs Study and refined through the City's Asset Management Program to provide substantial benefits to residents, road users and development. Work involves total reconstruction of Russell St (Victoria to Lindsay), Peel St (William to Victoria), Wynchwood St (Elliot St to South End), Glenelg St (Huron to Lindsay), Durham St (Albert to Adelaide), and George St (Lindsay to South End).	\$8,370,351	\$246,592	Ongoing
Local Roads and Bridges	Kawartha Lakes, City of	Urban/Rural Roads Reconstruction	This project addresses urban/rural road reconstruction needs as identified by the Roads Needs Study and refined through the City's Asset Management Program to provide substantial benefits to residents, road users and development. Work involves total reconstruction of Glenelg St E, Hamilton St, Kawartha Dr, St Paul St, and Denniston St (about 1.44 km), with replacement of the road bed granulars, asphalt & installation of new storm sewers as well as new concrete curbs, gutters & sidewalks.	\$6,381,240	\$0	Ongoing
Local Roads and Bridges	Kearney, Town of	Cashman Creek Bridge Replacement	Replace Cashman Creek Bridge with a pre-cast arch bridge. The existing bridge, located on the municipally-assumed portion of Highway 518, is significantly deteriorated and the project should create safer passage for vehicular and pedestrian traffic.	\$1,287,000	\$221,632	Ongoing
Local Roads and Bridges	Kenora, City of	Reconstruction of Park Street	The objective of the project is to address an aging and failing roadway by way of replacement, reconstruction and resurfacing of Park St for 5 blocks from 1st St South to 10th Ave South. The scope of work includes new asphalt surface, new granular base, sidewalk replacement, and street light improvements & replacement. The project also involves the replacement of sanitary sewer, water and storm works over the same five blocks as the road work.	\$3,520,374	\$1,540,129	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Kerns, Township of	Resurfacing of Municipal Roads	Rehabilitation of 4.0 km of Milberta Road, 1.6 km of McCool Road, and 3.2 km of North Quarry Road. The main objective was to add a minimum 2" lift of gravel along the roads to improve road drainage and reduce rutting. This project drastically increased the level of service on these roads as well as improved safety for all residents and non-residents. The project will also reduce operating costs for the township going forward, as it will require less grading.	\$127,511	\$96,939	Complete
Local Roads and Bridges	Kincardine, Municipality of	Maple St Reconstruction	Full reconstruction of the Maple Street road base, storm sewer improvements including culvert replacement, add new water services to provide one per lot (currently y'd to service two properties), add curb and gutters, sidewalk, two lifts of hot mix asphalt and final restoration. This will improve servicing to minimize future disruption and will improve pedestrian and vehicular safety with the addition of sidewalks and replaced asphalt. The existing road surface is in poor condition.	\$1,500,000	\$29,157	Ongoing
Local Roads and Bridges	King, Township of	Conversion of Several Gravel Roads to Paved Roads	One of the Township's primary objectives was to upgrade its unpaved gravel road network to paved hard surfaces using Hot Mix Asphalt (HMA). Work included regrading the existing gravel road surface with new Granular A up to 150 mm to provide a proper cross-section profile for drainage and granular base layer for the paved road. Roads paved include Concession 7, South Canal Bank Rd, Sideroad 18, Concession 10, Sideroad 19, Old Bathurst St. and Sideroad 15 for a total length of 69.4 lane-km.	\$3,033,802	\$633,802	Complete
Local Roads and Bridges	King, Township of	15th Side Road Reconstruction - Hwy 27 to Concession 8	<p>The Township is reconstructing approximately 2 km of Side Road 15 between York Regional Road 27 and Concession 8. Work includes full depth replacement of the granular base and base and surface asphalt.</p> <p>The purpose of this work is to improve the overall condition of the road, address sightline deficiencies, and upgrade the drainage system. The final design will meet current standards and increase safety while maintaining environmental integrity and the character of the rural area.</p>	\$4,230,000	\$1,159,206	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	King, Township of	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.	\$576,000	\$0	Complete
Local Roads and Bridges	King, Township of	Pavement Reconstruction - Victoria, Centre, Rebellion	Approximately 1,500 m of road sections in the south-west quadrant of the village of Schomberg are being reconstructed. Works include design for the reconstruction of Queen Street (west of Rebellion Way), Victoria Street (east of Rebellion Way) and Centre Street (east and west of Rebellion Way), base and road surface replacement, as well as shoulder/drainage improvements.	\$3,500,000	\$5,342	Ongoing
Local Roads and Bridges	King, Township of	Replacement of Graham Sideroad Bridge	The replacement of the Graham Sideroad Bridge was identified in the Engineer's report as required works under the Canal Improvement Project. The project is for the relocation of the Holland Marsh Drainage Canal to improve drainage and traffic safety on the roads in the marsh. The Township is responsible for replacement of the bridge within the timeframe of the Canal Improvement Project.	\$3,100,000	\$0	Complete
Local Roads and Bridges	King, Township of	Replacement of Culvert 210 - King Caledon Road	Culvert 210 is located on the Caledon-King Townline, the boundary road between the Township of King and the Town of Caledon. The culvert was identified as 'needs replacement/reconstruction' as per the biennial Ontario Structure Inspection Manual (OSIM) inspection records. Design options include replacement with a steel, concrete box or relining of the existing culvert with an alternate material.	\$2,100,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Kingston, City of	Construction of Sidewalks and Upgrade of Pedestrian Crossings	Project work includes planning and construction of transportation infrastructure from the City's Active Transportation Master Plan and 5 Year Implementation Plan including pedestrian crossing upgrades (design and construction at four locations) and construction of 1,600 m of sidewalks to infill gaps/barriers in AT connectivity.	\$10,352,832	\$358,512	Ongoing
Local Roads and Bridges	Kingston, City of	Pavement Rehabilitation in Various Locations	This project involves a multiyear campaign of road rehabilitation. On average, the city is rehabilitating a combined 85 lane-km of local, collector and arterial roadways under this project each year. Strategies include preventative maintenance, surface treatment applications and asphalt surface replacement throughout the city's network during the 2020, 2021 and 2022 construction seasons. This project aligns with Kingston's strategic priorities to improve walkability, roads transportation.	\$22,558,983	\$6,680,428	Ongoing
Local Roads and Bridges	Kingston, City of	Rehabilitation of Collins Creek Bridge	This project includes the design and construction of a major rehabilitation of the Collins Creek bridge on Taylor Kidd Blvd. The rehabilitation is anticipated to include a replacement of the super structure of the bridge deck and parapet walls as well as the road rehabilitation of the approaches to the structure. This project aligns with Kingston's strategic priorities to improve walkability, roads transportation.	\$3,753,813	\$38,427	Ongoing
Local Roads and Bridges	Kingston, City of	Pavement Rehabilitation in Various Locations	Project work involved the pavement rehabilitation by way of asphalt surface replacement of 21.32 lane km of existing local road pavement which included the milling and repaving of the surface asphalt. Work additionally involved 14.5 lane km of rural surface treatment rehabilitation to extend the service life of those roadway sections. This project aligns with Kingston's strategic priorities to improve walkability, roads transportation.	\$9,305,000	\$749,274	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Kingston, City of	Construction of Sidewalks and Upgrade of Pedestrian Crossings	Project work included planning, design and construction of transportation infrastructure from the City's Active Transportation Master Plan and 5 Year Implementation Plan including pedestrian crossing upgrades (four locations upgraded) and construction of 1,100 m of sidewalks to infill gaps/barriers in AT connectivity. This project aligns with Kingston's strategic priorities to improve walkability, roads and transportation.	\$2,045,000	\$26,554	Ongoing
Local Roads and Bridges	Kingston, City of	Construction of Cataraqui Woods Drive from Sydenham Road to Centennial Drive	Construction of Cataraqui Woods Drive from Sydenham Road to Centennial Drive. This project aligns with Kingston's strategic priorities to improve walkability, roads transportation.	\$8,722,489	\$10,681	Ongoing
Local Roads and Bridges	Kingston, City of	Replacement and Reconstruction of Concrete Sidewalks in Multiple Locations	Design/ construction of 1,526 m of new sidewalks. The new sidewalks were identified as high priority due to proximity of schools/parks with high pedestrian use and along roads with high traffic volumes. The work consists of topographical survey, re-grading of the boulevard or granular shoulder, installation of catch basins and/or culverts with road widening, and roadside curb installations. This project aligns with Kingston's strategic priorities to improve walkability, roads and transportation.	\$1,723,789	\$0	Ongoing
Local Roads and Bridges	Kingston, City of	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.	\$2,554,842	\$0	Complete
Local Roads and Bridges	Kingsville, Town of	Resurfacing Graham Sideroad from County Rd 18 (Rd 4) to County Rd 8	Resurfacing Graham Sideroad from County Rd 18 (Rd 4) to County Rd 8 (21.5 lane-km).  The road is currently in poor condition and shoulders have deteriorated. Resurfacing will extend the useful of the road by a minimum of 10 years and improve driver safety.	\$1,300,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Kingsville, Town of	Construction of Bike Paths on County Rd 50 (Kings 8)	Construction of approx. 3.6 km of asphalt bike lanes along County Rd 50 from Ford Rd to the Arner Townline. This was the final segment of bike paths along County Rd 50 which connects cyclists from the Town of Essex to the Municipality of Leamington.	\$435,253	\$170,000	Complete
Local Roads and Bridges	Kingsville, Town of	Rehabilitation of Urban Roads	Mill and pave Union Ave (from County Rd 20 to Union Park St), Union Park St (from Union Ave to Dead End), Briarwood, Lincoln, Campbell Lane and Graham Side Road (South of County Rd 20) - approximately 3 lane-km of road in total. Work will extend the life of the roads by 15-20 years.	\$410,075	\$410,075	Complete
Local Roads and Bridges	Kingsville, Town of	Rehabilitation of Rural Roads	Pulverize, tar & chip segments of Cameron Side Road (From Road 11 to County Rd 8), Road 6 W (from Division to McCain), and Road 6 E/North Talbot (From Graham to Inman Side Rd) to extend the useful life of these roads. Approximately 15 lane-km of roads were resurfaced.	\$712,225	\$712,225	Complete
Local Roads and Bridges	Kingsville, Town of	Replacement of Bridge # 18 - Road 11 over Ruscom River	The bridge on Road 11 over the Ruscom River is being replaced. The bridge is 50 years old and was identified in the Town's Bridge and Culvert study as in poor condition and requiring replacement.	\$1,450,000	\$0	Ongoing
Local Roads and Bridges	Kingsville, Town of	Replacement of Bridge #46 - S. Talbot Rd over Boose Drain	The Town is replacing the bridge on South Talbot Rd over the Boose Drain. The bridge is 90 years old and was identified in the Town's Bridge and Culvert study as requiring replacement.	\$350,590	\$0	Complete
Local Roads and Bridges	Kirkland Lake, Town of	Resurfacing Lakeshore Drive and McCamus Avenue	Work involved resurfacing 0.51 lane-km of road. Resurfacing has eliminated the need to grade, to apply dust suppressant and is more environmental friendly. Furthermore, it has eliminated dust complaints from residents and improved driveability and surface drainage.	\$120,511	\$120,511	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Kitchener, City of	Doon Village Road Bridges Rehabilitation	City bridges are inspected on a two-year cycle. In late 2018, the Doon Village Road bridges were inspected and were found to have some structural deficiencies. If unaddressed, the bridges will have to be closed to vehicular traffic by 2021. This project involves the full scale replacement of the two existing bridges in 2020 with precast bridges. Refurbishment is not a viable option based on the state of the existing bridges.	\$1,240,000	\$0	Ongoing
Local Roads and Bridges	Kitchener, City of	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, 18 streets are being rehabilitated.	\$3,135,369	\$2,287,395	Complete
Local Roads and Bridges	Kitchener, City of	Construction/Replacement of Sidewalks and Pedestrian Bridges	This project is for the rehabilitation and replacement of 9,115 m of sidewalk in accordance with priority needs.	\$1,517,908	\$287,048	Complete
Local Roads and Bridges	Kitchener, City of	Stoke Drive Bridge Rehabilitation	The 2016 bridge inspection program has identified Stoke Drive Bridge as one of the structures that requires increased rehabilitation work to maintain the service level of the structure. The rehabilitation involves replacing or rehabilitating galvanized culvert barrels, concrete patching, replacing rotted/rotated timber rail posts, rehabilitating gabion baskets and railing with galvanizing, and routing and sealing wearing surface cracks.	\$250,000	\$20,096	Ongoing
Local Roads and Bridges	Kitchener, City of	Balzer Road Bridge Rehabilitation	City bridges are inspected on a two-year cycle. In late 2018, the Balzer Creek bridge was inspected and was found to have some structural deficiencies. If unaddressed, the bridge will have to be closed to vehicular traffic by 2021. This project involves the full scale replacement of the existing bridge in 2020 with a precast bridge. Refurbishment is not a viable option based on the state of the existing bridge.	\$342,000	\$77,079	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Kitchener, City of	Rehabilitation of Bridges in Multiple Locations	This project involves identification and removal of delaminated concrete, reforming and placement/pouring of new concrete or proprietary products to restore the structure's ability to accommodate full loading and to halt the progression of delamination between the reinforcing steel and concrete. The work also involves rehabilitation of spalled concrete to restore the concrete cover on exposed steel reinforcement.	\$488,699	\$210,329	Complete
Local Roads and Bridges	Kitchener, City of	Country Hill Bridge Rehabilitation	The 2016 bridge inspection program has identified Country Hill Bridge as one of the structures that requires increased rehabilitation work to maintain the service level of the structure. The rehabilitation involves replacing or rehabilitating galvanized culvert barrels, concrete patching, replacing rotted/rotated timber rail posts, rehabilitating gabion baskets and railing with galvanizing, and routing and sealing wearing surface cracks.	\$168,000	\$0	Ongoing
Local Roads and Bridges	Kitchener, City of	Queen Street - Charles to Duke Placemaking	The section of Queen St between Charles St and Duke St requires a full surface reconstruction, as the sidewalk and pavement have experienced considerable degradation since installation. In addition to the roadwork, Vogelsang Green, Goudies Land and the entrances to Halls Lane and under-utilized land at Queen/Charles are proposed to be included in placemaking for people of all walks of life. This is a pilot for a new approach to streetscape related asset management.	\$4,029,330	\$1,590,175	Complete
Local Roads and Bridges	Kitchener, City of	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.	\$418,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	La Vallee, Township of	Resurfacing Municipal Roads	The project included resurfacing all roads in the Township with granular "A" material and putting calcium (mag) on most of the roads. This project included 24 km of roads that were graveled and 27 km of roads that were calcified. All sections of road that were included in the project were in poor condition and required resurfacing.	\$123,712	\$61,407	Complete
Local Roads and Bridges	Laird, Township of	Surface Treatment of Calabogie Road and Reids Road Extension	Double surface treatment was completed on a section of Calabogie Road West and Reids Road Extension. These two roads are very busy and were in need of updated surface treatment. The total area of Calabogie Road West that was surface treated is 9,179 sq. m, and the area of Reids Road Extension that was surface treated is 6,144 sq. m, which went around the corner into MacLennan Road.	\$91,019	\$63,524	Complete
Local Roads and Bridges	Lake of Bays, Township of	Resurfacing Walker Lake Drive	The project is a hard surface replacement. Work involves pulverizing the current surface, adding gravel, base stabilization and applying new high float over a 1.8 km long stretch of Walker Lake Drive. This will provide a smoother and safer driving surface.	\$227,000	\$200,000	Complete
Local Roads and Bridges	Lakeshore, Municipality of	Mill Street Reconstruction	The project consists of a full depth reconstruction of the entirety of Mill Street. The road was identified through the Town's roads needs assessments as being in very poor condition. In addition to the poor road surface quality, a cast iron watermain beneath the road has a history of breaks and is also being replaced.	\$1,300,000	\$3,261	Ongoing
Local Roads and Bridges	Lakeshore, Municipality of	Construction of Old Tecumseh Road Trail - Pattilo Road to East Pike Creek	Creation of a paved multi-use pathway including designated lanes for both cyclists and pedestrians that connects the Town of Lakeshore with the Town of Tecumseh. The trail crosses through Lakeshore's main employment area and ends in an area which allows connection to Tecumseh's public transit and shopping areas. <sup>1</sup>	\$1,771,005	\$1,062,603	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Lakeshore, Municipality of	Notre Dame Road Reconstruction - 11th to Duck Creek	Full road and underground infrastructure replacement on Notre Dame St from 11th St to Duck Creek. This was recently identified as the Town's highest priority road project through our 2018 Roads Needs Study due to its extremely low assessed condition, its status as one of the Town's major arterial roads and its high traffic counts. Due to the waterways that run along the Town of Belle River, there are only a few entry points from the east; this serves as the primary entry point and main street.	\$4,801,000	\$41,542	Complete
Local Roads and Bridges	Lambton Shores, Municipality of	Reconstruction of Forest Main Street South	Road reconstruction as well as watermain and stormwater infrastructure improvements at the Connecting Links Main St S in Forest. This project involves replacing and resurfacing existing assets. The total length of the road reconstruction is 1,100 m.	\$4,243,833	\$318,323	Complete
Local Roads and Bridges	Lambton, County of	County Road 4 (Petrolia Line) Road Rehabilitation (Mandaumin Road to Kimball Road)	Rehabilitation of 9 km (2 lanes) of County Road 4 (Petrolia Line) utilizing Cold-In-Place Recycling with Expanded Asphalt Mix of the existing road platform, followed by hot mix paving and granular shouldering activities. Other work includes drainage improvements with replacement of road culverts, culvert lining and sub-drain installation.	\$1,822,309	\$1,493,461	Complete
Local Roads and Bridges	Lambton, County of	County Road 12 (Townsend Line) - Road Rehabilitation	Approximately 3.5 km of County Road 12 (Townsend Line) is being rehabilitated by utilizing Full Depth Reclamation with Expanded Asphalt Mix of the existing road and placing with a wider platform to accommodate partially paved shoulders. Following the recycled mat, hot mix asphalt and granular shouldering is being completed. Other work included drainage improvements such as sub-drain installation and culvert replacements.	\$979,858	\$679,717	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Lambton, County of	County Road 9 - Road Rehabilitation	The County is rehabilitating approximately 18.5 km of County Road 9 (Nauvoo/Northville Road) using full depth reclamation. This section of the road is beyond its useful life. Some sections are part of the trail network and are therefore being widened to accommodate partially paved shoulders; other sections are not. Work additionally involves drainage improvements such as sub-drain installation and culvert replacements/linings.	\$4,717,446	\$900,000	Ongoing
Local Roads and Bridges	Lambton, County of	County Road 80 - Road Rehabilitation	Rehabilitation of 14.8 km of County Road 80 (Courtright Line) utilizing In-Place Recycling with Expanded Asphalt Mix of the existing road platform, followed by hot mix paving and granular shouldering activities. Other work includes drainage improvements with replacement of road culverts, culvert lining and sub-drain installation. The project will be completed over 2 years with 2019 (7.3 km) & 2020 (7.5 km).	\$3,443,882	\$1,350,000	Complete
Local Roads and Bridges	Lanark Highlands, Township of	3rd Concession Dalhousie Resurfacing and Widening	<p>A section of the 3rd Con., from Sugarbush to Watsons Corners, required resurfacing and widening. As this road is a main artery within Lanark (connecting County Roads 8, 12 and 16), it was an important project to improve the connection between the County Roads for the various commuters as well as the residents of Lanark Highlands.</p> <p>The scope of work consisted of pulverizing the existing width of the hard surface followed by the supply and placement of surface treatments.</p>	\$248,080	\$104,684	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Lanark Highlands, Township of	Iron Mine Road Resurfacing and Widening	<p>This was a previously chip and seal / hard top roadway that had reached its lifespan and rehabilitation was required in order to provide a safe roadway for the residents and traveling public.</p> <p>The project consisted of full depth reclamation of the existing surface and underlying granular, placement of Granular A material, and a double surface treatment for the length of the road. Thereafter the rehabilitated road received a fog seal. Further to the rehabilitation, two culverts were installed.</p>	\$261,464	\$240,850	Complete
Local Roads and Bridges	Lanark, County of	Warm-mix Overlay of CR # 4 and CR #17	<p>Warm-mix overlay of CR#4 (from Ottawa Boundary westerly for 6 km) and warm-mix rehab of CR#17 (Appleton Side Road; from CR#49 southerly for 4.2 km).</p> <p>Lanark County aims to provide the best roads possible at the lowest total long-term cost. These sections of road were scheduled for resurfacing in our Asset Management Plan; following the plan ensures that roads are maintained at a condition that is acceptable to residents while at the same time lowering long term costs.</p>	\$2,201,293	\$1,817,686	Complete
Local Roads and Bridges	LaSalle, Town of	Turkey Creek Bridge Rehabilitation	Front road at Turkey Creek Bridge rehabilitation including; bearing plate replacement, steel girder shoe replacement, localized abutment concrete repairs, expansion joint replacement with semi-integral joint, guard railing replacement, localized concrete soffit repairs, localized concrete fascia repairs, localized wing wall repairs, deck drain replacement, concrete curb and sidewalk replacement, asphalt surface and approach replacement. The project will also include a bridge jacking operation.	\$2,000,000	\$0	Complete
Local Roads and Bridges	Latchford, Town of	Rehabilitation of Various Roads	Some of our paved roads have cracks and need to be rehabilitated to prevent additional damage and to extend the life of the road. Approximately 1.7 km of road were rehabilitated.	\$26,829	\$26,829	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Laurentian Hills, Town of	Forestry Road Repaving	This project included pulverizing the existing surface treatment from the roadway (2.5 km), adding granular materials to upgrade the road base, and replacing the surface treatment with pavement. This created proper slopes to improve drainage, and to minimize future maintenance time and costs.	\$232,665	\$112,919	Complete
Local Roads and Bridges	Laurentian Valley, Township of	B Line Rd Rehabilitation	<p>B Line Rd is being rehabilitated from Highway 17 southerly for 2 km. Work involves widening the paved surface, stabilizing the base, adding granular materials, replacing culverts and applying a single lift of hot mix asphalt.</p> <p>B Line Rd is a major arterial road and acts as a connecting link between two provincial highways (King's Hwy 17 and Hwy 41). This section contains numerous residential and commercial properties and is being widened to accommodate the large volume of heavy truck traffic.</p>	\$357,597	\$244,200	Complete
Local Roads and Bridges	Laurentian Valley, Township of	Walford Rd Rehabilitation	A 1.5 km long section of Walford Rd lying between Hwy 41 and Witt Rd was rehabilitated. Work involved adding granular material, stabilizing the base, and applying a double surface treatment. The road serves as both a local road servicing many residential properties and also as a link between roads in the Township. The road condition rating prior to the rehabilitation was very poor and the works completed were appreciated by the travelling public.	\$103,853	\$103,853	Complete
Local Roads and Bridges	Laurentian Valley, Township of	Henan Rd Rehabilitation - Sandy Beach Rd to Round Lake Rd	A 2 km long section of Henan Rd lying between Round Lake Road (CR58) and Sandy Beach Rd was rehabilitated. Work involved applying a single lift of hot mix asphalt. The road serves as the primary access and haul route to a local aggregate pit. The road also serves as the main access route to a 30+ hectare Township-owned recreation property which sees over 25,000 visitors annually.	\$145,029	\$145,029	Complete
Local Roads and Bridges	Leamington, Municipality of	Engineering and Construction of Bridge #21 (on Mersea Rd 7)	The engineering and reconstruction of Bridge #21 on Mersea Rd 7. The replacement of this bridge is identified as a high priority in the Municipality's 2019 Bridge Condition Survey.	\$545,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Leamington, Municipality of	Sewer Separation and Road Reconstruction on Henry, Lorne, Gladstone, William, and Melrose	The complete reconstruction of five streets lying east of the Leamington Kinsmen Recreation Complex (Henry, Lorne, Gladstone, William, and Melrose). Work involves the installation of new storm and sanitary sewers, watermains, roads, sidewalks and streetlighting.	\$4,421,000	\$908,473	Ongoing
Local Roads and Bridges	Leamington, Municipality of	Resurfacing Erie Street South	The resurfacing of 1.3 km of Erie Street South by milling and repaving. This section of Erie Street is the one of the busiest road segments in the entire Municipality.	\$1,500,000	\$189,804	Ongoing
Local Roads and Bridges	Leamington, Municipality of	Construction of a County Wide Active Transportation System	The County Wide Active Transportation System was a County wide initiative designed to connect the seven lower tier municipalities throughout the County of Essex. The installation of active transportation routes will provide a safe active transportation system for users of all ages and abilities to actively move around the County of Essex. The facilities being constructed will total 3.2 km of trails, multi-use paths, bike lanes/cycle tracks, etc.	\$223,000	\$1,085	Ongoing
Local Roads and Bridges	Leamington, Municipality of	Streetscape, Engineering, Design and Construction on Erie St from Clark to Marlborough	In October 2018, Council approved the Leamington Uptown Master Plan as the basis for future infrastructure improvements and beautification in Uptown Leamington. Work will begin with a design assignment in preparation for future reconstruction and streetscaping complete with new sidewalks, curbs, street lighting, bike lanes and other appurtenances. The project will reconstruct the two main corridors through our uptown core (1.1 km).	\$3,050,000	\$38,156	Ongoing
Local Roads and Bridges	Leamington, Municipality of	John Street Sewer Separation Road Reconstruction	The John Street Sewer Separation and Road Reconstruction is the next step in the municipalities ongoing sewer separation and road reconstruction program. The final outcome of the project will include a new separated sewer system, an expansion to the local park, a redesign of the uptown parking lot, and new street lighting and other appurtenances. The total length of reconstruction is 260 m of road and 150 m of alley.	\$2,585,000	\$463,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Leamington, Municipality of	Reconstruction of Coronation Ave	This project involves the separation of sewers to improve sewage collection along the full length of Coronation Avenue (400 m), application of new asphalt pavement, and installation of curbing, sidewalks, and upgraded street lighting.	\$1,065,973	\$28,720	Complete
Local Roads and Bridges	Leamington, Municipality of	Implementation of Pedestrian Crossings	This project involves installing new pedestrian crossovers, new signage or rapid rectangular flashing beacons at our existing pedestrian crossings. A study to determine the need for pedestrian crossovers at various locations throughout the Municipality. The implementation of Active Transportation Facilities in accordance with the Municipality's Active Transportation Plan.	\$1,855,000	\$24,660	Ongoing
Local Roads and Bridges	Leamington, Municipality of	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.	\$2,506,500	\$0	Complete
Local Roads and Bridges	Leeds & Grenville, United Counties of	Rehabilitation of Newboro Bridge	Newboro Bridge is a rigid frame structure with a concrete slab on four (4) steel plate girders with a paved wearing surface. Built in 1952, the deck accommodates a single lane of traffic in each direction. Work involves the major rehabilitation of the entire bridge.	\$1,890,270	\$948,488	Ongoing
Local Roads and Bridges	Leeds & Grenville, United Counties of	Rehabilitation of Road 1 - Hwy 15 to Rideau Ferry Bridge	The road is in very poor condition based on recent pavement evaluations. Approximately 5.4 km of roadway reconstruction was completed using Cold-in-Place Recycling capped with a 55 mm lift of HL3 hot mix. Cross culverts were replaced, shoulders were paved, ditches were cleaned out and hydroseeding was completed.	\$1,949,987	\$1,500,000	Complete
Local Roads and Bridges	Leeds & Grenville, United Counties of	Rehabilitation of Road 22 - Road 21 to Pittston	The road is in very poor condition based on recent pavement condition evaluations. Approximately 4.5 km of roadway reconstruction was completed using Cold-In-Place Recycling capped with a 50 mm lift of HL3 hot mix. Multiple cross culverts were replaced, the shoulders were paved and ditches were redefined.	\$1,340,958	\$1,300,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Leeds and the Thousand Islands, Township of	Russell Road Wiltse Creek Bridge Rehabilitation	Remove and replace asphalt and waterproofing on deck, localized partial/full depth concrete repairs on deck, localized partial depth concrete repairs on curbs, partial depth concrete repairs on abutment walls, bearing seats and ballast walls, replace end joints with armoured expansion joints, replace steel traffic railing with box beam railing, set up environmental protection and re-coat existing structural steel.	\$771,012	\$290,000	Complete
Local Roads and Bridges	Lennox & Addington, County of	Rehabilitation of Multiple Roads	Project involves rural road surfacing and base rehabilitation with paved shoulders, drainage improvements, and roadside safety device upgrades on various roads. Approximately 11.5km of road will be rehabilitated.	\$5,438,000	\$1,301,060	Complete
Local Roads and Bridges	Limerick, Township of	Old Hastings Road Rehabilitation	A 4 km section of Old Hastings Road required culvert replacements and additional gravel to support replaced culverts. Gravel was additionally used to resurface the road.	\$125,000	\$20,993	Complete
Local Roads and Bridges	Lincoln, Town of	Resurfacing Local Roads	The Town rehabilitated 15.7 km of road. Rehabilitated sections of road were found to be in a condition where they were failing, or expected to fail in the near future. Our target was to keep the good roads in good condition, while also addressing roads that needed immediate attention.	\$1,814,646	\$721,688	Complete
Local Roads and Bridges	London, City of	Thames Valley Parkway Construction	Enhancement of the north and south branches of the Thames Valley Parkway, along with the coordination of lifecycle renewal at multiple locations and ecological monitoring throughout London's recreational pathway network. This project supports active transportation and is consistent with London's Cycling Master Plan and London's Parks & Recreation Master Plan. Approximately 3 km of pathway are scheduled for renewal under this project.	\$850,000	\$39,916	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	London, City of	Rehabilitation of Multiple Streets	This project involves the rehabilitation and resurfacing of main roads, along with improvements to boulevards for safe pedestrian travel and complete street improvements. Road infrastructure ranges from milling and paving, to complete restoration. Timely proactive road rehabilitation will eliminate premature major road reconstruction. Approximately 55 lane-km of road are being replaced/rehabilitated under this project.	\$12,239,987	\$4,703,029	Ongoing
Local Roads and Bridges	London, City of	Rehabilitation of Multiple Streets	This project involves the rehabilitation and resurfacing of main roads, along with improvements to boulevards for safe pedestrian travel and complete street improvements. Road infrastructure ranges from milling and paving, to complete restoration. Timely proactive road rehabilitation will eliminate premature major road reconstruction. Approximately 55 lane km of road will be replaced/rehabilitated under this project.	\$14,783,300	\$1,486,581	Ongoing
Local Roads and Bridges	London, City of	Implementation of a Bike Share Program	This project is for the establishment of a system of "for rent"/"on-call" fixed bike share stations located at key destinations to provide residents and visitors with an opportunity to ride a bike to work, for fun, or for fitness. Phase one serves approximately 40,000 residents and 35,000 employees in neighborhoods in or near downtown.	\$1,122,500	\$99,705	Ongoing
Local Roads and Bridges	London, City of	Rehabilitation of Wenige Expressway Bridge and Highbury Ave South	Wenige Expressway Bridge spans the south branch of the Thames River and is located on Highbury Ave, approximately 550 m south of Hamilton Road. This bridge is due for a major rehabilitation as it is roughly 53 years of age with heavy traffic loading. Phase 1 of this project includes reconstruction of the roadway, lighting improvements and median barrier for the Wenige Expressway Bridge. This work will be over two construction seasons.	\$6,055,632	\$2,126,337	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	London, City of	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.	\$1,069,772	\$27,602	Complete
Local Roads and Bridges	London, City of	Thames Valley Parkway-North Branch Connection	This project completes the Thames Valley Connection between Richmond Street North and Adelaide Street North. The project includes two new pathway bridges at Ross Park and west of the North London Athletic Fields, with the pathway north of the river connecting the bridges. This project adds approximately 1.5 km to the total length of the Thames Valley Pathway.	\$1,048,868	\$647,556	Ongoing
Local Roads and Bridges	Loyalist, Township of	Resurfacing Main St. in Bath	Main Street is the main thorough fare through the historic Village of Bath, serving as the connecting link between portions of the Provincial Highway 33. This important stretch of road is the main corridor travelled along the shores of Lake Ontario in the Township. This project is for the removal and replacement of approximately 1.3 km of asphalt on Main Street in Bath, from Centennial Park to the western village limit. It also includes the replacement of 80 m of storm sewer.	\$2,031,550	\$24,148	Ongoing
Local Roads and Bridges	Lucan Biddulph, Township of	Resurfacing Coursey Line from McGillivray Dr to Mooresville Dr	<p>This section of the Coursey Line was identified in the asset management plan to be resurfaced in 2020. Resurfacing the road brings it up to a good or better rating to ensure continued safety of the roadway.</p> <p>The scope of the project includes resurfacing Coursey Line by applying padding as required and HL4 hot mix surface asphalt. Work includes the application of one lift of 50 mm compacted asphalt over the existing pavement.</p>	\$254,970	\$53,451	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	MacDonald, Meredith & Aberdeen Add'l, Township of	Asphalt Installation on Elizabeth St, Birch St, Watson's Road, and Two Bridges	New asphalt was required on Elizabeth St and Birch St due to manhole and sewer repairs (and both had reached the end of their expected life spans in our asset management plan). A small section of Watson's Rd between the two provincial highways needed to be replaced as well, as it is a high-traffic commercial vehicle route. The two bridges completed in the pervious fiscal year were also ready for final completion of asphaltting. Approximately 1.34 km of road received new asphalt in total.	\$136,545	\$99,492	Complete
Local Roads and Bridges	Machar, Township of	Microsurface Eagle Lake Rd	After the reconstruction of the entire Eagle Lake Road in 2019 with a wider double surface treatment shoulder, we felt a layer of micro surface treatment would really smooth it out and prolong it's new beauty. With the addition of painted center and shoulder lines Eagle Lake Road is now wider to allow safer use for cyclists and pedestrians.	\$409,146	\$113,500	Complete
Local Roads and Bridges	Machin, Municipality of	Road Upgrades	We upgraded our roads after the July/September Storms in our municipality.	\$300,000	\$0	Complete
Local Roads and Bridges	Madawaska Valley, Township of	Gravel Resurfacing on Jewellville Road, Upper Rosenthal Road, and Opeongo East Road	The Township of Madawaska Valley is gravel resurfacing three municipal roads. Jewellville Road, Upper Rosenthal Road and Opeongo East Road all needed to be resurfaced with gravel to make driving conditions better for traffic.	\$192,092	\$140,371	Complete
Local Roads and Bridges	Madoc, Township of	Rehabilitation of Lee Rd	The surface of this 0.6 km long road was becoming untravellable. We therefore tore up and pulverized the tar and chip and then applied 3" of gravel. The road will receive surface treatment at a later date.	\$28,000	\$10,773	Complete
Local Roads and Bridges	Madoc, Township of	Drainage Improvements on Bannockburn Rd	We replaced two culverts and restored ditching to improve drainage along a 1 lane-km stretch of the road experiencing drainage problems.	\$7,500	\$4,792	Complete
Local Roads and Bridges	Madoc, Township of	Shoulder Rehabilitation on Cooper Rd	Total shoulder rehabilitation on both sides of Cooper Road to assist drainage and address safety issues. Aggregate will be added to the shoulders once they're clear. Shoulders were rehabilitated along 30.6 km of road.	\$165,000	\$129,916	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Madoc, Township of	Reconstruction of O'Hara Rd	A 3.6 lane-km long stretch of O'Hara Rd was reconstructed. Ditching was also completed along the length of this stretch. Work involved resurfacing the road by applying 2" of aggregate and a layer of everlife asphalt.	\$148,327	\$98,327	Complete
Local Roads and Bridges	Madoc, Township of	Rehabilitation of Barry Rd	The surface of a 3.5 km long stretch of the road was becoming untravellable. We therefore tore up and pulverized the tar and chip (and also replaced one large cross culvert). The road will be resurfaced at a later date.	\$32,802	\$30,805	Complete
Local Roads and Bridges	Madoc, Township of	Resurfacing Public School Road	A single lift of tar and chip surface treatment was applied to the 3 km length of Public School Road. This road was falling into disrepair prior to the investment.	\$64,000	\$62,692	Complete
Local Roads and Bridges	Madoc, Township of	Rehabilitation of Atkinson Road	The surface of a 0.8 km long stretch of the road was becoming untravellable. We therefore tore up and pulverized the tar and chip and then applied 3" of gravel. The road will receive surface treatment at a later date.	\$28,371	\$18,987	Complete
Local Roads and Bridges	Madoc, Township of	Rehabilitation of Woods Road and Closure of the Bridge	The project consists of hardtop pulverizing, ditching, brushing, replacement of three 400 mm x 12 m culverts, graveling, application of a double lift of surface treatment and closure of the bridge. The closure of the bridge is needed as per an engineering report. The completion of this project will improve safe travel of roadway for residents and visitors to our municipality.	\$80,000	\$893	Ongoing
Local Roads and Bridges	Madoc, Township of	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.	\$2,100,000	\$1,746	Complete
Local Roads and Bridges	Malahide, Township of	Pressey Line West Bridge & Culvert Rehabilitation	This project involved the replacement of an older cast-in-place concrete bridge and a large steel arch culvert spanning two open course municipal drains. Both structures were replaced with precast concrete box culverts. Road work was also done on both approaches and in between each structure to correct inconsistent road width due to the narrow size of the existing structures.	\$865,575	\$460,000	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Malahide, Township of	Reconstruction of Conservation Line	Conservation Line was in poor condition with limited drainage and a crumbling hard surface. The road was therefore reconstructed between Springwater Rd and Imperial Rd (4 km). Reconstruction of the road included rebuilding the road base, adding new drainage, improving sightlines, and establishing a new hard surface.	\$308,042	\$0	Complete
Local Roads and Bridges	Mapleton, Township of	Replacement of the Bridge over the Rumph Drain	The work consists of the replacement of a 4.9 m span rigid frame bridge with a 5.0 m span precast bridge over the Rumph Drain in Mapleton. The structure is located on Sideroad 15, approximately 520 meters south of Wellington Road 8. The structure was identified as part of the 2018 OSIM (Ontario Structure Inspection Manual), Inspections, recommending replacement as a result of its deteriorated condition.	\$346,690	\$319,350	Complete
Local Roads and Bridges	Mapleton, Township of	Sideroad 20 Reconstruction	Reconstruction of 650 m long roadway, Sideroad 20 - WR 7 to 0.7 km S of WR 7 - including associated cross culverts and ditching.	\$847,277	\$0	Complete
Local Roads and Bridges	Marathon, Town of	Resurface Winton & Woodson Streets	Both road segments (approximately 2 lane-km in total) were identified in the asset management plan as being in very poor condition. The former mill site (vested by the municipality) is being rented for two years (East-West Hydro Tie). Infrastructure was built at the boat launch area (docks and a washroom). Instead of extensive repairs to eliminate the deteriorated conditions, the Town determined that replacement of the road surface is the better option.	\$282,511	\$200,000	Complete
Local Roads and Bridges	Markham, City of	Asphalt Resurfacing at Various Locations	Asphalt resurfacing of approximately 21.5 km of two to four lane roadways. Work involves resurfacing roads throughout the City utilizing a pavement management program to select rehabilitation candidates. The overall goal is to maintain an acceptable pavement condition index and user satisfaction by implementing cost-effective strategies designed to extend pavement life while reducing overall maintenance costs of the road network.	\$6,783,800	\$6,280,566	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Markham, City of	Replacement of Small Culverts	This project involves replacement of 12 small corrugated steel pipe (CSP) (total 2,285M) with High Density polyethylene (HDPE) pipes, which has service life of 50 years.	\$247,416	\$25,471	Ongoing
Local Roads and Bridges	Markham, City of	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.	\$16,355,328	\$0	Complete
Local Roads and Bridges	Markham, City of	Sidewalk Construction in Multiple Locations	To provide approximately 8.1 km of sidewalk infrastructure to areas that do not have sidewalks or missing links on local and Regional roads. The construction of sidewalks allows the safe movement of pedestrians while promoting accessibility.	\$2,487,512	\$0	Ongoing
Local Roads and Bridges	Markham, City of	Implementation of Bike Lanes and Pathways	Markham has completed its Cycling and Pathways Master Plans and has identified a system with over 340 km 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.	\$2,369,699	\$0	Complete
Local Roads and Bridges	Markstay-Warren, Municipality of	Boundary Road Hill Resurfacing	The Boundary Road hill resurfacing project entailed approximately 900 m of subsurface replacement with adequate granular materials and resurfacing with chip and tar material.	\$52,389	\$51,353	Complete
Local Roads and Bridges	Marmora and Lake, Municipality of	Hayes Street Rehabilitation	Rehabilitation of Hayes Street in the Village of Marmora in conjunction with water/wastewater infrastructure replacement.	\$225,000	\$103,857	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Marmora and Lake, Municipality of	Culvert Replacements on Skene Rd and Jennison Rd	<p>Flooding issues occur annually as snow melts during the spring thaw. Floods trap residents and prevent them from entering or exiting their properties and raise the risk that contaminants from vehicles (oil, gas, etc.) will enter water bodies.</p> <p>This project involves replacement of three 60+ year old undersized culverts and road lifting to address flooding issues on Skene Road, and replacement of one 60+ year old culvert on Jennison Road to address flooding issues.</p>	\$650,000	\$0	Complete
Local Roads and Bridges	Mattawa, Town of	Turcotte Park Road/Mattawan Street Sidewalk Construction	This project is for the construction of a sidewalk along Turcotte Park Road that extends the existing sidewalk and joins up with the sidewalk on Mattawan Street. Major development has occurred in this area in the last 12 years - i.e. new hospital, new elementary school, new ten-unit senior residential complex and new long-term care home. This project will enhance safety and promote active transportation.	\$207,000	\$17,593	Ongoing
Local Roads and Bridges	Mattawan, Municipality of	Gravel Application and Culvert Replacement	Our Municipality purchased 200 tonnes of "A" gravel at the end of 2019. During the 2020 year we applied this gravel to restore the surface of Flamigo Road, Moosehead Road, Beaudry Road, Montreuil Road, Murphy's Road, Argo Run, Arbutus Trail, Viburnum Vale, Marion Road, Burke Drive, and Snake Creek Road. We also replaced two culverts - one at the intersection of Murphy/Beaudry/Montreuil Roads and one on Burke Drive. Ditching took place on Murphy, Flamingo Roads and Burke Drive.	\$28,611	\$11,028	Complete
Local Roads and Bridges	McDougall, Municipality of	Repaving Big Sound Road	The main objective was to repave the existing road. To prepare the road before repaving, new culverts were installed, drainage improvements were made, and base repair was completed.	\$519,674	\$163,937	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	McKellar, Township of	Balsam Road and Broadbent Rd Reconstruction	Both Balsam Road (from Centre Rd to Fire Rte 158) and Broadbent Road (from Smiths Rd to Dickinson Rd) received base remediation, culvert replacement and new surface treatment. The objective was to enhance road safety and to extend the life of each asset.	\$418,248	\$213,610	Complete
Local Roads and Bridges	McMurrich/Monteith, Township of	Resurfacing Stisted Road	Work involved pulverizing and resurfacing 1,850 m of roadway. Approximately 5 km of ditching was completed and three complete culverts were replaced.	\$169,254	\$152,031	Complete
Local Roads and Bridges	McNab/Braeside, Township of	Maple Bend Rehabilitation	The Maple Bend Road Rehabilitation Project involves the rehabilitation of 1.5 km of Maple Bend Road. The work involves lane and shoulder widening, supply/placement of granular material, and asphalt paving. Work will also consist of localized drainage improvements together with replacement of road crossing culverts, with disturbed areas to be treated with topsoil and seed.	\$241,608	\$212,237	Complete
Local Roads and Bridges	McNab/Braeside, Township of	Nieman Drive Rehabilitation	The Nieman Drive Reconstruction Project involves the reconstruction of 1.6km of Nieman Drive. The work involves in-place processing of the existing surface, areas of full depth excavation and alignment correction, lane and shoulder widening, supply/placement of granular material, and asphalt paving. Work will also consist of drainage improvements together with ditch realignment and replacement of driveway and road crossing culverts, with disturbed areas to be treated with topsoil.	\$876,021	\$317,530	Complete
Local Roads and Bridges	Meaford, Municipality of	Surface Treatment of Various Local Roads	Approximately 6.9 km of roads are being surface treated, rehabilitated, and upgraded to a minimum Pavement Condition Index (PCI) of 90. The scope of work includes pulverizing the existing surfaces, replacing cross culverts and associated drainage works, adding granular base material, applying double surface treatment, and ditching.	\$650,869	\$333,426	Complete
Local Roads and Bridges	Melancthon, Township of	Resurfacing 2nd Line South West (250 Sideroad to IDA Street)	Resurface approximately 2 km of the 2nd Line SW (running north from 250 Sideroad to Ida Street). This project is identified in the Road Management Plan for The Township of Melancthon.	\$273,377	\$100,000	Complete

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Middlesex Centre, Municipality of	Medway Road Reconstruction - Denfield Rd to Vanneck Rd	The Municipality is reconstructing the last section of Medway Road that had been identified for full reconstruction in 2015. This section - running from Denfield Road to Vanneck Road - is essential to complete the remaining stretch of Medway Road in its entirety. By reconstructing the road to a rural standard of 10 m wide, providing 1.5 m shoulders on each side for bike lanes, and reducing the vertical curves, the work will provide a safer road and reduce liability.	\$1,300,000	\$1,000,000	Ongoing
Local Roads and Bridges	Middlesex Centre, Municipality of	Poplar Hill Road Reconstruction	Poplar Hill Road from Charlton Drive to Greystead Drive was identified in the Municipality's 2014 Road Needs Study to be replaced in 2016. The works include a full reconstruction, removing the existing sub base materials that are known to be silty clay. The structural integrity of the road base will be replaced with sufficient granular materials as identified by a Geotechnical consultant and finished surface will be new asphalt.	\$500,000	\$100,000	Complete
Local Roads and Bridges	Middlesex, County of	County Road 22 (Egremont Drive) Rehabilitation	Rehabilitation of County Road 22 (Egremont Drive) from County Road 39 (Hickory Drive) to the Lambton County boundary including cold in place asphalt recycling, hot mix asphalt overlay, and rehabilitation of other road infrastructure including culverts and roadside drainage.	\$3,590,774	\$3,590,774	Complete
Local Roads and Bridges	Midland, Town of	Hugel Street Reconstruction	Complete reconstruction of approximately 660 m of Hugel Ave including installation of new asphalt, new road base, new curbs, new sidewalks, new sanitary sewers, storm sewers, watermains, new services to all properties, new sod and new street trees.	\$2,978,912	\$0	Complete
Local Roads and Bridges	Midland, Town of	Noreen Street Reconstruction	Complete reconstruction of approximately 400 m of Norene St including installation of new asphalt, new road base, new curbs, new sidewalks, new sanitary sewers, storm sewers, watermains, new services to all properties, new sod and new street trees.	\$1,611,829	\$271,377	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Midland, Town of	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.	\$14,000,000	\$0	Ongoing
Local Roads and Bridges	Milton, Town of	Resurfacing Sections of Lower Base Line and Sixth Line	This project addresses rehabilitation needs located within the rural area and sometimes within the industrial area. Work includes hot asphalt mix, granular shoulders, culvert cleaning or replacements. Locations include Lower Base Line from Fifth Line to Sixth Line, Sixth Line from approximately 200 m north of the Railway crossing to Town Limits, and Sixth Line from Lower Base Line West to 1.8 km north of Lower Base Line West.	\$2,312,394	\$1,759,392	Ongoing
Local Roads and Bridges	Milton, Town of	Asphalt Overlay of Multiple Streets	This project is to rehabilitate the asphalt road surfaces before they deteriorate to the point necessitating major road repair or reconstruction. There are 40.64 lane-km identified for rehabilitation across the municipality, but subject to change based on the results of a feasibility study, geotechnical and CCTV inspection investigation, as well as coordination with utility agencies and the Region.	\$10,822,050	\$3,447,996	Ongoing
Local Roads and Bridges	Milton, Town of	First Line (Britannia to Lower Base Line) Rehabilitation	This project is for the rehabilitation of First Line from Britannia Road to Lower Baseline Road. As a result of geotechnical investigation performed in 2018, it was determined that roadway rehabilitation would be the best approach to addressing the needs of this roadway.	\$1,175,910	\$57,319	Ongoing
Local Roads and Bridges	Milton, Town of	Road Resurfacing of Multiple Streets	This project addresses rehabilitation needs located within the rural and industrial area. Several methods of rehabilitation are considered with this project, with the ultimate rehabilitation method chosen as a result of geotechnical investigation and consideration of all related project constraints. Roads being rehabilitated include Steeles Avenue West (from Appleby Line to Old Tremaine) and No. 15 Side Road (from the Town Line boundary to First Line Nassageweya).	\$1,691,101	\$140,627	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Milton, Town of	Bronte Street (Main to Steeles Ave) Redevelopment	This capital project is for the reconstruction and widening of Bronte Street, between Main Street and Steeles Avenue. This segment of Bronte requires reconstruction as well as widening to service growth and will be reconstructed to include a left turn lane. Utility relocations will commence in 2019 with construction from Victoria Street to Steeles Avenue in 2020.	\$1,636,335	\$19,885	Ongoing
Local Roads and Bridges	Milton, Town of	Bridge and Culvert Rehabilitation	This project is for design and construction work to address minor rehabilitation needs for various bridge and culvert (over three metres) assets in accordance with the 2014 Municipal Infrastructure Inventory and Inspection/Bridge Needs Study. Work involves the rehabilitation of Chisholm Drive Bridge (No. 50), Number 20 Side Road Bridge (No. 60), Eighth Line Bridge (No. 68) and Number 15 Side Road Bridge (No. 73).	\$574,053	\$21,040	Ongoing
Local Roads and Bridges	Milton, Town of	Yates Drive (Bennett 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.	\$694,437	\$1,469	Complete
Local Roads and Bridges	Milton, Town of	Reconstruction and Widening of Bronte Street (Britannia to Louis St Laurent)	Bronte Street from Britannia to Louis St. Laurent Avenue was identified for widening and reconstruction in 2016. The scope of work involves widening to four lanes with either a centre median or shared centre turn lane. The project also includes the installation of two roundabouts where the East-West collector roads intersect with Bronte Street.	\$4,967,396	\$20	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Milton, Town of	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).	\$11,688,218	\$34,851	Ongoing
Local Roads and Bridges	Milton, Town of	Reconstruction of Campbell Avenue East of Guelph Line	Campbell Avenue, from east of Guelph Line to Campbellville Road, is a road located in Campbellville with high traffic volumes, poor drainage and low structural adequacy. It was listed as a "Now" need in the Town's 2014 'State of the Infrastructure-Roads Study', and is therefore being reconstructed. Reconstruction is occurring in phases to accommodate a Ministry of Transportation overpass project.	\$4,461,108	\$35,650	Ongoing
Local Roads and Bridges	Milton, Town of	Urbanization of 5th Line	The road segment from Highway 401 to Main Street is being reconstructed to a 2 lane urban cross section, with improved geometry around the tributary of 16 Mile Creek - including the structure replacement. A small portion of the road needs to be expanded to 4 lanes as it approaches Main Street.  The road segment from Main Street to Derry Road is being reconstructed to a 4 lane urban cross section with an at-grade crossing of the CP railway.	\$32,127,012	\$165,013	Ongoing
Local Roads and Bridges	Minden Hills, Township of	Resurfacing Spring Valley Road	Spring Valley Road is receiving a 2" (50 mm) Cold Constructed Asphalt Product (CCAP) overlay. This will fill ruts and create a smooth driving surface on a road that is in very poor condition.	\$178,652	\$86,269	Complete
Local Roads and Bridges	Minden Hills, Township of	Resurfacing Plantation Road	Plantation Rd is receiving a 2" (50 mm) Cold Constructed Asphalt Product (CCAP) overlay. This will fill ruts and create a smooth driving surface on a road that is in very poor condition.	\$121,147	\$100,000	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Minto, Town of	Rehabilitation of Arthur Street in Harriston - Connecting Link	<p>Road resurfacing, drainage upgrades and new installations along Arthur Street East from Elora St to Lawrence Ave. Work also involved rehabilitation of water and wastewater infrastructure, new sidewalk installation, and traffic signal upgrades.</p> <p>This highway is a vital Provincial artery. Many heavy trucks use this road, especially for various auto parts plants feeding into the Honda assembly plant in Alliston and from the Goderich salt mine carrying road salt for much of central Ontario.</p>	\$1,683,729	\$180,000	Complete
Local Roads and Bridges	Minto, Town of	Reconstruction of Lawrence Ave in Harriston	<p>Total reconstruction of Lawrence Ave (approximately 150 m) including water and wastewater infrastructure replacement. Reconstruction also included curbing, gutter, storm and sidewalk installation.</p> <p>This street has needed upgrades for several years. This section of Lawrence Avenue will form one of the entrances to a proposed subdivision which will be built out in the next few years in response to the need for more housing in Harriston which is now a fast-growing community.</p>	\$297,317	\$30,045	Complete
Local Roads and Bridges	Minto, Town of	12th Line East Section Rehabilitation	<p>This road section is heavily travelled and in poor condition. This road is used by heavy vehicles, primarily those going to and from several gravel pits located on 12th Line. The nearby golf club has a large seasonal and year-round section of modular homes which houses a growing number of retirees and snowbirds who use 12th Line to travel to Harriston and Mount Forest.</p> <p>Rehabilitation involves engineering, design, guide rail installations, and asphalt work.</p>	\$56,912	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Minto, Town of	Reconstruction of Elora Street South in Downtown Harriston	Complete reconstruction of Elora Street South in downtown Harriston including replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of decorative sidewalks and street lighting. Paving and minor servicing of the remainder of Elora Street in Harriston. Scope increased as additional sanitary sewer work is required. 1,230m of roads will be reconstructed.	\$1,876,304	\$21,420	Complete
Local Roads and Bridges	Minto, Town of	Resurfacing of 6th Line and Gillespie Lane	These roads were in poor condition and required upgrading in advance of the International Plowing Match to be held in September 2016 on this site. Sandpad was installed with HL3 surfacing. 8.3 km of road was resurfaced.	\$571,746	\$33,660	Complete
Local Roads and Bridges	Minto, Town of	Replacement of Bride Road Bridge	Replacement of failing bridge including work on the embankment, deck and guiderails.	\$488,437	\$21,420	Complete
Local Roads and Bridges	Minto, Town of	Reconstruction of Lowe & Walker Streets	Replacement of water and sanitary sewer services and reconstruction of 180m of road base and surface.	\$101,341	\$15,300	Complete
Local Roads and Bridges	Minto, Town of	Resurfacing of Clifford-Clarke & James Streets	This project involves the installation of new watermains and the resurfacing of 260 m of road.	\$156,024	\$15,300	Complete
Local Roads and Bridges	Minto, Town of	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.	\$76,590	\$3,060	Complete
Local Roads and Bridges	Minto, Town of	Road Reconstruction of James St between Main St and John St	This project is a total reconstruction of James Street in Palmerston between Main St and John St, including replacement of sanitary sewers, storm water pipes and water pipes where necessary. 320m of road was reconstructed.	\$521,564	\$42,840	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Mississauga, City of	Installation of Two Pedestrian Crossovers	The installation of street lighting, sidewalk and curb improvements, traffic signs, and pavement markings, to designate two trail crossing locations pedestrian crossovers.	\$160,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Installation of Traffic Calming Measures at Various Locations	Physical traffic calming measures are being installed on Osprey Boulevard, Falconer Drive and Second Line West. Three, ten, and nine sets of speed cushions are being installed in order to reduce vehicle operating speeds to levels appropriate for the posted speed limit, respectively.	\$145,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Rapid Installation of New On-road Cycling Infrastructure to Provide Mobility Options during COVID-19	During and after the COVID-19 recovery period, residents will require additional safe and comfortable active transportation options to ensure their continued mobility and safety. The Active Transportation COVID-19 Recovery Framework recommends adding 17.9 km of new on-road and separated bicycle lanes in locations across the city to rapidly improve the active transportation network. This represents a 30% increase in the amount of on-road bicycle lanes in the City.	\$1,300,000	\$13,070	Ongoing
Local Roads and Bridges	Mississauga, City of	Cycling Infrastructure in Various Locations	The project involves the construction of new multi-use trails and bike lanes to enable safer and more comfortable walking and cycling conditions along major roadways. Also, the project involves connecting existing cycling routes, bike lanes, and multi-use trails with new or renewed signed bike routes. Signed bike routes involve the addition of roadway sharrow markings and bicycle wayfinding signage on low-traffic streets.	\$5,050,000	\$1,158,775	Ongoing
Local Roads and Bridges	Mississauga, City of	Construction of New Sidewalks on Burgoyne St, Crestlawn Dr & Fewster Dr	This project involves the construction of 1.1 km of new sidewalks on Burgoyne St (Eglinton Ave E to Crestlawn Dr), Crestlawn Dr (Burgoyne St to Fewster Dr) and Fewster Drive (Crestlawn Dr to Encino St). The sidewalk connections will provide for safe and accessible pedestrian travel at three locations within the City.	\$1,580,000	\$560,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Mississauga, City of	Bridge and Structure Rehabilitation on Burnhamthorpe Road	The objective is to rehabilitate/replace five bridges at three locations on Burnhamthorpe Rd to extend their service life. The project involves the detailed condition survey, detailed design and rehabilitation of these structures. The rehabilitation will include bearing replacements, concrete patch repairs, potential widening for multi-use path (only at one location), expansion joint replacement or removal, etc. These structures were identified from City's bi-annual bridge inspection.	\$7,500,000	\$254,659	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Dundas Street West Retaining Walls	Remove and replace retaining wall structures at two locations located on the north side of Dundas Street West approximately 200 m and 750 m east of Mississauga Road respectively. Approximate lengths of new retaining wall construction is 165 m for west location and 265 m for the east location. Construction of new retaining walls will be located northerly from the existing retaining wall to accommodate future ultimate Dundas Street cross section.	\$1,600,000	\$46,217	Ongoing
Local Roads and Bridges	Mississauga, City of	Bridge Rehabilitation in Four Locations	The objective is to rehabilitate and/or replace four bridges to extend their service life. Two bridges are located on Brookhurst Road and Financial Drive. The other two are pedestrian overpasses on Central Parkway Drive and Lushes Avenue. These four structures were identified as priorities from the City's bi-annual bridge inspection, as required by City's infrastructure asset management.	\$2,700,000	\$1,223,087	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Roads and Other Improvements - Major Integrated Roadway Improvement Projects	Renewal of roadway pavements, curbs, sidewalk and trails, and advancement of the City's multi-modal transportation vision and objectives. Integrated Roadway Improvement Projects include a combination of roadway rehabilitation, active transportation improvements, intersection improvements and road safety improvements. Approximately five streets (15.4 km of roadway) are being renewed or improved.	\$25,140,929	\$133,113	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Residential Roads	Renewal of road pavement, sidewalks and curbs in residential areas throughout the City. Approximately 73 streets (29 km of roadway) are being rehabilitated to help keep the City's roadway infrastructure in a state of good repair.	\$8,030,000	\$6,459,920	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Non-Residential Roads	Renewal of road pavement, sidewalks and curbs along arterial, collector and industrial/commercial areas throughout the City. Approximately 14 streets (10 km of roadway) are being rehabilitated to help keep the City's roadway infrastructure in a state of good repair.	\$24,432,600	\$16,671,000	Ongoing
Local Roads and Bridges	Mississauga, City of	Installation of Speed Humps in Ward 10	This project involves the installation of physical traffic calming devices on the roadway. The installation of traffic calming is intended to reduce vehicle operating speeds and increase safety. Approximately ten traffic calming devices are being installed on two separate roadways.	\$50,000	\$50,000	Ongoing
Local Roads and Bridges	Mississauga, City of	Installation of Raised Pedestrian Crossovers at Two Locations	This project involves the installation of two raised pedestrian crossovers at existing trail crossings. A raised platform will be provided (traffic calming) in addition to the pedestrian crossover. This will provide a protected crossing location for all trail users.	\$120,000	\$42,950	Ongoing
Local Roads and Bridges	Mississauga, City of	Road Rehabilitation - Residential and Non Residential Roads	<p>This project involves resurfacing 23.4 km of road throughout the City of Mississauga with paver laid expanded asphalt reclamation, as well as curb and sidewalk rehabilitation, catch basin and manhole adjustments and rehabilitation, subdrain installation, driveway apron rehabilitation and sod replacement.</p> <p>This project will also replace noise walls that have fallen into disrepair and upgrade of existing noise fences that are deteriorating and/or substandard to the current noise bylaw.</p>	\$35,514,584	\$11,507,789	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Mississauga, City of	Rathburn Multi-Use Trail Rehabilitation	Rehabilitation of the boulevard multi-use trail on Rathburn Road (0.3 km). The project includes redesign, repaving, widening, and the development of an improved intersection crossing. This project will improve the safety and comfort of cyclists and pedestrians.	\$200,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Implementation of New Multi-Use Trails and Bike Lanes	The project is for the design and construction of new safe and comfortable cycling infrastructure. This includes two new sections of boulevard multi-use trail on Eglinton Avenue West (2.1 km) and Winston Churchill Boulevard (1.0 km), as well as new bike lanes on Avebury Road (1.1 km).	\$1,525,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Bridge and Culvert - Inspection and Rehabilitation	<p>Rehabilitation of four bridges. Bridges are on Bloor Street over Little Etobicoke Creek, Eglinton Avenue over Little Etobicoke Creek, Old Derry Road over the Credit River, and a pedestrian trail over Aquataine Avenue.</p> <p>The project involves removing and replacing bridge deck asphalt and waterproofing, removing the expansion joints and modifying the abutments to a semi-integral configuration, jacking the structure, repairing the pre-stressed girder ends and replacing bearing pads.</p>	\$3,920,000	\$222,165	Ongoing
Local Roads and Bridges	Mississauga, City of	Inspection, Design and Rehabilitation of Four Bridges	Conduct Bridge Structure Inspections on four bridges for construction in 2020: Lushes Ave over Sheridan Creek (deck area 66.28 sq m), Brookhurst Ave over Sheridan Creek (deck area 189.1 sq m), Financial Drive over Levi Creek (deck area 439.68 sq m), and the pedestrian overpass on Central Parkway East (deck area 343.2 sq m).	\$500,000	\$209,435	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Pedestrian Bridges at Camilla Park, Barbertown Park and the Malton Greenway	The City is rehabilitating approaches, decks and railings of pedestrian bridges at both Camilla Park and Barbertown Park. The City is also replacing two pedestrian bridges at Malton Greenway and rehabilitating the other two.	\$722,480	\$88,267	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Mississauga, City of	Installation of Traffic Calming Measures	In all cases, the City is installing speed cushions (which are basically speed humps of a slightly different design) in order to address speeding, traffic infiltration and incidences of aggressive driving behaviour on the following streets: Forestwood Drive, Havenwood Drive, Erin Centre Blvd, Credit Valley Road, Stavebank Road, Premium Way, Twain Avenue, Montevideo Road, Lorne Park Road and Heatherleigh Avenue.	\$200,000	\$192,700	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation of Residential Roadways	The City resurfaced over 60 city streets throughout 2018. Examples include Alexandra Ave. from Alexandra Blvd. to Atwater Ave. (approximate length of resurfaced road – 0.8km); Stavebank Road from High Street to North End (approximate length of resurfaced road – 1.8km); Joan Drive from Hanson Road to North End (approximate length of resurfaced road – 1.0km); Kenmuir Ave. from Orano Ave. to South Service Road (approximate length of resurfaced road – 1.0km).	\$10,383,587	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Reconstruction of Burnhamthorpe Road East	The Burnhamthorpe Road East reconstruction involves Low Impact Development (LID), Transit Priority Lighting, curbs, sidewalks, new bus laybys, pavement markings, LID storm sewers, multi-use trail (MUT) and MUT signals from East of Dixie to the Etobicoke Creek Bridge. The reconstruction covers 1.920 km of the existing four lanes for a total of 7.840 lane-km.	\$4,960,000	\$640,877	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation and Widening of Mavis Road	This project involves the rehabilitation and widening of Mavis Road. Two sections of road are being improved: a 1.28 km long stretch from 250 m south of Courtneypark Drive to 80 m north of Novo Star Drive, and a 1.22 km stretch from 80 m north of Novo Star Drive to 240 m north of Twain Avenue. In both sections, the existing four-lane road will be rehabilitated or replaced and two lanes will be added. In total, 10 lane-km are being rehabilitated or replaced and 5 lane-km are being added.	\$11,835,571	\$111,735	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Mississauga, City of	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.	\$692,351	\$0	Complete
Local Roads and Bridges	Mississauga, City of	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.	\$391,810	\$0	Complete
Local Roads and Bridges	Mississauga, City of	Road Rehabilitation and Noise Walls, Traffic Calming	This project involves the rehabilitation of Tomken Rd (from Eastgate Pkwy to Eglinton Ave), Centre View Dr (from the Hwy 403 westbound off-ramp to Duke Of York Blvd), McLaughlin Rd (from Faith Dr to south of Britannia Rd), Millcreek Dr (from Erin Mills Pkwy to Aquitaine Ave), and various other streets.	\$11,000,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Rehabilitation and Replacement of Various Bridges	Rehabilitation of various city-owned bridges including Kingsbridge Garden Circle over the Cooksville Creek, Dundas Street W over the Credit River, Matheson Boulevard over the Etobicoke Creek, and Eglinton Avenue East over the Etobicoke Creek.	\$13,441,301	\$3,853,884	Ongoing
Local Roads and Bridges	Mississauga, City of	Road Rehabilitation and Noise Walls at Rathburn Rd E, Tomken Rd, Robert Speck Pkwy, etc.	Rehabilitation of major arterial, collector, and industrial roads to maintain current state of good repair and to implement Traffic Calming Program.	\$22,241,173	\$18,516	Ongoing
Local Roads and Bridges	Mississauga, City of	Roadway Rehabilitation of multiple Streets	Rehabilitation of 83 lane km on residential, industrial and arterial roads. Including curb and sidewalk repairs, driveway/apron repairs and road asphalt repairs. This results in improved drivability and extension of the life cycle of the assets.	\$16,048,000	\$0	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Mississauga, City of	Bridge and Structure Rehabilitation in Multiple Locations	Bridge Rehabilitation at Kos Boulevard, Wolfedale Rd and Kamato Rd. The rehabilitation work includes setting up site access, work on an erosion and sediment control system, restoring access routes, removing and replacing damaged panels, and removing and reconstructing retaining walls.	\$5,265,663	\$0	Ongoing
			Bridge Structure Detail Inspections and Design at Dundas St westbound and eastbound over the Credit River and Matheson Blvd over the Etobicoke Creek and the project also involves culvert widening on Rena Road.			
Local Roads and Bridges	Mississauga, City of	Bridge and Structure Rehabilitation in Multiple Locations	Rehabilitation of various City owned bridges including: Bloor Street over Etobicoke Creek, Dundas Street East over Little Etobicoke Creek, Dundas Street West over Loyalist Creek and Eglinton Ave East over Etobicoke Creek. The rehabilitation work includes setting up site access, erosion and sediment control devices: Restoring access routes; removing and repaving asphalt over bridge deck; removing and replacing guiderails; and improvements to surrounding areas.	\$3,620,000	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Road Rehabilitation Multiple Locations	Installation of storm sewer, manholes and catch basins; 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 3.5 m asphalt pathway with lights. Approx. 29 km of road will be impacted by this project.	\$23,250,685	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Mississauga, City of	Bridge and Structure Rehabilitation	Bridge Rehabilitation Projects including the CNR Rail (Metrolinx) Goreway Drive; Glen Erin Dr over Pedestrian Trail; Dundas St E over Little Etobicoke Creek. Conduct Bridge Structure Inspections on four bridges for construction in 2020: Dundas St E culvert over Little Etobicoke Creek (deck area 771.78 m2); Dundas St W culvert over Loyalist Creek (deck area 1483.95 m2); Bloor St bridge over Etobicoke Creek (deck area 1604.67 m2); Eglinton Ave bridge over Etobicoke Creek (deck area 1164.60 m2).	\$18,158,336	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	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.	\$700,000	\$0	Complete
Local Roads and Bridges	Mississauga, City of	Cycling Infrastructure in Various Locations	The cycling program is designed to get commuters out of their cars, promote a healthier way of transportation. The program includes new cycling facilities like bike lanes, multi-use trails and bike routes with signage. This project includes new cycling facilities at Thomas St and Central Parkway East MUTs, McLaughlin Rd bike lanes and Tomken Rd MUTs, Creditview Road and Dundas St W MUTs. A total of 9.6Km.	\$4,961,908	\$0	Ongoing
Local Roads and Bridges	Mississauga, City of	Detailed Inspections/Design & Rehabilitation of multiple Pedestrian Bridges	Rehabilitation of Pedestrian Overpass at Ogden Avenue to North Service Road. Detail condition surveys, design work and rehabilitation of Mississauga Road over Mullet Creek, Burnhamthorpe Road Over Sawmill Creek, East and West Bound Glen Erin Drive Over the Pedestrian Trail and the Pedestrian Overpass Over Derry Road.	\$3,224,605	\$113,652	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Mississippi Mills, Municipality of	Paving Five Arches Drive from Waba Road to the End of the Paved Section	<p>Paving 610 m of Five Arches Drive southerly from Waba Road to the end of the paved section. Project includes pulverizing the existing road surface, grading the road with 150 mm of Granular A and resurfacing the road with 65 mm of asphalt.</p> <p>This road was well beyond it's service life and in poor condition. This segment of road services a multi-residential home, 2 commercial businesses, the Pakenham public works facility and other residential housing.</p>	\$71,356	\$50,000	Complete
Local Roads and Bridges	Mississippi Mills, Municipality of	Surface Treatment of Concession 11A Ramsay, Concession 11N Pakenham and Golden Line Road	Surface treatment of 1,100 m of Concession 11A Ramsay (from the dead end to the Urban boundary), 3,960 m of Concession 11N Pakenham (from Young Road to Shaw Road) and 2,350 m of Golden Line Road (from March Road to Old Almonte Road). Work involves pulverizing the existing surface, making subgrade corrections, grading Granular A and Granular B materials and applying new surface treatment to the roads.	\$804,586	\$651,911	Complete
Local Roads and Bridges	Mono, Town of	Blind Line and 15 Sideroad Drainage Improvements	Replacement of three undersized and aged culverts. Road flooding has occurred frequently over the past 5-10 years and the useful life of the existing drainage works has been surpassed. Work will ensure continued access to residents and emergency services, and smooth uninterrupted drainage of flood, runoff and continual flows will be restored.	\$433,620	\$433,620	Complete
Local Roads and Bridges	Moonbeam, Township of	Granular Resurfacing of Local Roads	The project consisted of spreading Granular A on 6 lane-km of roads throughout the municipality. We have a lot of traffic using our unpaved section of the municipality travelling to Remi Lake. We try to improve the road conditions every year to reduce bumps, increase traffic access and reduce accidents.	\$77,240	\$74,688	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Morley, Township of	Culvert Replacements on Berg Rd and Stang Rd	One culvert on Berg Road and one culvert on Stang Road were replaced to increase road drainage. Both culverts were crushed or damaged and needed to be replaced. Both also needed to be lowered to help mitigate the risk of damage to the road base, ensure proper drainage, improve safety, and minimize flooding.	\$1,777	\$1,777	Complete
Local Roads and Bridges	Morley, Township of	Sharp Road Rehabilitation	1,800 cubic yards of crushed gravel was applied to Sharp Road to create a sustainable road base.	\$31,077	\$31,077	Complete
Local Roads and Bridges	Morris-Turnberry, Municipality of	Rehabilitation of the Stone School Bridge on Clegg Line	Recent OSIM inspections identified the need to rehabilitate this structure. The bridge is the sole means of joining both the east-west route (Stone School Road with Browntown Road) and the north-south route on Clegg Line (i.e., one bridge services traffic across the river in all directions).  Work involves replacement of curbs and barriers, deck repairs, soffit repairs, replacement of deck drains, and replacement of joints and seals.	\$336,171	\$106,055	Complete
Local Roads and Bridges	Muskoka Lakes, Township of	Beaumaris Bridge Rehabilitation	The Beaumaris Bridge connects Beaumaris Island to the mainland and is located approximately 1 km West of Milford Bay Road in the Township of Muskoka Lakes. The bridge is a two lane, three span, slab on box girder bridge built in 1968. The rehabilitation of the bridge was intended to correct defects in the superstructure and substructure so that the bridge can reaches its design life span.	\$834,012	\$199,855	Ongoing
Local Roads and Bridges	Nairn & Hyman, Township of	Sand Bay Road Resurfacing	Resurfacing of approximately 3 km of Sand Bay Road. The sides of the roads are being graded to achieve proper drainage. Granular material is also being added to the road base and shoulders where required.	\$47,694	\$47,694	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	New Tecumseth, Town of	7th Line Reconstruction	This project is for road improvements on the 7th Line from Sideroad 10 to Sideroad 15. The project includes road design, utility relocations and road reconstruction. Rehabilitation of this road section will address current deficiencies and on-going road maintenance issues. After completion of the road works the sections of road will be at an acceptable level of service for Town residents.	\$1,646,340	\$121,064	Ongoing
Local Roads and Bridges	New Tecumseth, Town of	Resurfacing Local Roads	Sixteen sections of local roads are being resurfaced for a total of 15.77 linear kilometres. Sections are located on Sideroad 10, 7th Line, Rodcliff Rd, Wellington St E, Elizabeth St, Stewart Ave, Hussey St, McKeown St, McCague Cres, Whiteside Crt, Storey Gate, Hunter Court, Tupper Blvd, and Queen St (Alliston). The road sections were identified in the Roads Need Study as requiring resurfacing in order to maintain the desired Pavement Condition Index on the Town's roadways.	\$3,226,406	\$602,745	Ongoing
Local Roads and Bridges	New Tecumseth, Town of	Conversion of 4th Line from Gravel to Asphalt	This project is to upgrade a section of gravel road on the 4th Line from 15th Sideroad to 20th Sideroad to hot mix asphalt surface as per the Gravel Road Policy prioritization.	\$722,955	\$722,955	Complete
Local Roads and Bridges	New Tecumseth, Town of	Resurfacing 13th Line - 10th Sideroad to 15th Sideroad	Asphalt resurfacing of a section of 13th Line (from 10th Sideroad to 15th Sideroad - approximately 3,100 m). The Roads Needs Study prioritized this section of road as requiring upgrading after taking into account the surface condition of the road. The application of a pavement asset management program (PAMP) in the Study provided a listing of recommended projects, based on the prioritization, identifying the needs and rehabilitation methods to address those needs.	\$600,000	\$186,220	Complete
Local Roads and Bridges	New Tecumseth, Town of	Installation of an Audible Pedestrian Signal in Beeton	This project is for upgrading and retrofitting the Main Street East and Patterson Street North intersection in Beeton with an Audible Pedestrian Signal to meet Audible Pedestrian Signals best practices and Transportation Association of Canada guidelines.	\$164,000	\$1,146	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	New Tecumseth, Town of	Intersection Improvements - 10th Side Road & 6th Line	Design and construction of intersection improvements to address poor sight lines and road geometrics at the intersection of 10th Side Road and 6th Line.	\$134,400	\$13,396	Ongoing
Local Roads and Bridges	New Tecumseth, Town of	Urbanization of Mill Street from McCurdy Drive East	The urbanization of Mill Street (4th Line) in Tottenham from McCurdy Drive easterly for 720 m. Project involves bridge rehabilitation with sidewalks, full depth road reconstruction with granular base and hot mix asphalt, new curb and gutter, storm sewers and manholes, sidewalks and streetlights.	\$2,557,432	\$0	Ongoing
Local Roads and Bridges	New Tecumseth, Town of	12th Line Bridge Replacement	An assessment of the 12th line bridge (Structure #12004) was done in 2016 and it was determined that the full bridge requires replacement. Work involves completion of an environmental assessment, full bridge replacement with a single span cast-in-place structure on precast girders with integral abutments, piles, barrier walls, sidewalks, 400mm road approaches, utility relocations, and centreline road adjustments to improve sight lines.	\$4,582,270	\$67,290	Ongoing
Local Roads and Bridges	Newbury, Village of	Road and Sidewalk Replacement in the Village of Newbury	All roads in the Village of Newbury were resurfaced (3.6 lane-km). Accessible sidewalks were installed along all roads in the village as well in accordance with specifications established by regulation under the Accessibility for Ontarians with Disabilities Act. A culvert was additionally replaced on Dundas St - opening opportunities for the development of the land on the east side of the culvert.	\$159,817	\$25,798	Complete
Local Roads and Bridges	Newmarket, Town of	Charles Street Reconstruction	The Roads Needs Study has identified Charles Street as deteriorated, deficient and in need of reconstruction. The road, watermain, wastewater, stormwater and sidewalk are all being reconstructed. The construction spans the entire street from Queen Street to Davis Drive (0.32 km).	\$2,500,000	\$1,314,489	Complete

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Niagara Falls, City of	Sidewalk Replacement on Four Local Roads	This project involves full sidewalk replacement on Appleford Ave (from Casey St to Harriman St), Wedgewood Cr (off Willinger St), Fairway Rd (from Harriman St to Brady St), and Theresa St (from Portage Rd to Hillcrest Cr). The primary objective is to remove aging sidewalk and replace it with new sidewalk that meets current Ontario specifications as well as Accessibility Act requirements.	\$760,000	\$333,511	Ongoing
Local Roads and Bridges	Niagara Falls, City of	Rehabilitation of the Victoria Avenue Bridge	The Victoria Ave Bridge is a 105 m long, five span prestressed concrete deck on steel girder bridge that carries Victoria Ave over the CNR rail tracks. The bridge was constructed in 1960 and rehabilitated (deck replacement) in 1992. Rehabilitation of the structure is required to extend the service life of the bridge.	\$65,000	\$3,427	Ongoing
Local Roads and Bridges	Niagara Falls, City of	Belfast Avenue, Baldwin Avenue, & Lee Avenue Road Reconstruction	Project involves full road reconstruction with new sidewalk and new curb and gutter, as well as drainage improvements including new and/or improved storm sewers, manholes, catchbasins and swales where/if needed. The primary objective of this project is to improve the quality and reliability of the road for vehicular traffic by improving road grading and drainage, as well as providing new sidewalk linkages for the movement of pedestrian traffic.	\$1,428,100	\$800,000	Complete
Local Roads and Bridges	Niagara Falls, City of	Robinson Street Road Construction	The primary objective of this project is to remove an aging concrete overpass bridge over a former railway corridor and construct a new road in its place. The project also includes the construction of a new watermain and services, improvements and upgrades to the existing stormwater drainage system and sidewalks will be installed on both sides of the new road to accommodate pedestrian traffic and link private developments and tourist attractions in the area.	\$1,750,000	\$1,285,975	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Niagara Falls, City of	Sidewalk Replacement on Jill Drive, Brian Crescent and Village Crescent	The primary objective is to remove aging 1.2 m wide sidewalk and replace it with new 1.5 m wide sidewalk that meets current Ontario specifications as well as Accessibility Act requirements. In all approximately 2.6 km of sidewalk was replaced on Jill Drive, Brian Crescent and Village Crescent.	\$1,115,000	\$400,000	Complete
Local Roads and Bridges	Niagara Falls, City of	Culp Street Road Reconstruction with Watermain and Sanitary Sewer Replacement	Culp St is being reconstructed from Corwin Ave to Franklin Ave. Work involves full road reconstruction with new sidewalk, curb, and gutter, as well as watermain and sanitary sewer replacement. The primary objective of this project is to remove and replace aging watermain and sanitary sewer infrastructure, while improving the quality and reliability of the road for vehicular traffic by improving road grading and drainage.	\$1,810,000	\$0	Complete
Local Roads and Bridges	Niagara Falls, City of	Beck & Whirlpool Rd Bridge Replacements	Beck Road Bridge: Detailed design for bridge replacement Whirlpool Road Bridge: Detailed design and rehab works based on DCS results. Design and engineering for Whirlpool Road resurfacing, bridge rehabilitation and connection of the millennium trail to the Niagara Parkway.	\$7,551,000	\$188,023	Ongoing
Local Roads and Bridges	Niagara, Region of	Improvement of the Intersection at Thirty Rd and Young Street	This project is to investigate and implement intersection improvements and road realignment at the intersection of RR14 (Thirty Rd) and Young St in the Township of West Lincoln. An environmental assessment will identify alternatives for geometric, capacity and safety concerns with the current stop controlled intersection.	\$500,000	\$0	Ongoing
Local Roads and Bridges	Niagara, Region of	Resurfacing and Strengthening Roads	Work involves grinding out and repaving 5.1 km of road asphalt surface to restore it to its original state. Full road reconstruction has far greater costs than road resurfacing. Selecting roads for resurfacing at the appropriate time is therefore essential to best management practices. Resurfacing is included in the Region's asset management plan and is part of Council's initiative to maintain the Region's road network PCI rating.	\$9,069,729	\$4,193,410	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Niagara, Region of	Improvement of Two Intersections	This project is to address intersection improvements at two locations. The reconstruction of intersection RR24 (Victoria Ave) at RR63 (Canboro Rd) addresses geometric, capacity and safety concerns with the installation of traffic signals and left turn lanes. The reconstruction of intersection RR27 (East Main St) at RR84 (Moyer Rd) improves left turn lanes by increasing capacity and addressing safety concerns; this intersection is currently signalized.	\$2,000,000	\$1,014,669	Ongoing
Local Roads and Bridges	Niagara, Region of	Reconstruction of RR 57 (Thorold Stone Rd) Extension East of Stanley Ave	This project is to implement the recommendations from the EA and to complete the Phase 2 extension of Thorold Stone Rd to the Downtown Area & Niagara River Pkwy while providing a key secondary connection to the QEW. Timing of this project is critical to ensure the property transportation linkage; extending the road network prior to growth in the area & GO Service implementation. To complete the road extension after development would have negative cost impacts, congestion & traffic implications.	\$6,000,000	\$0	Ongoing
Local Roads and Bridges	Niagara, Region of	Casablanca Blvd Widening - Livingston to QEW	This project is to address transportation infrastructure requirements (including intersection improvements, road widening and active transportation) for the proposed implementation of the Grimsby GO Station as well as for new residential and commercial developments located north of the QEW.	\$16,000,000	\$149,963	Ongoing
Local Roads and Bridges	Niagara, Region of	Resurfacing Multiple Roads	Work involves grinding out and repaving 5.1 km of road asphalt surface to restore it to its original state.  Full road reconstruction has far greater costs than road resurfacing. Selecting roads for resurfacing at the appropriate time is therefore essential to best management practices. Resurfacing is included in the Region's asset management plan and is part of Council's initiative to maintain the Region's road network PCI rating.	\$8,840,000	\$887,264	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Niagara, Region of	Intersection Improvement RR 20 - South Grimsby Rd 5 to Griffin St (Phase 2)	This project will implement the recommendations of the EA study report completed March 2016. These improvements address intersection operations including a new roundabout, capacity deficiencies, road conditions, streetlighting, active transportation and safety concerns shown in the Smithville safety study.	\$3,390,137	\$2,644,209	Ongoing
Local Roads and Bridges	Niagara, Region of	Intersection Improvement RR 20 - Industrial Park Dr to Townline Rd (Phase 3)	This project will implement the recommendations of the EA study report completed March 2016. These improvements address intersection operations including a new roundabout, capacity deficiencies, road conditions, streetlighting, active transportation and safety concerns shown in the Smithville safety study.	\$5,461,843	\$2,157,277	Complete
Local Roads and Bridges	Niagara, Region of	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.	\$3,035,000	\$2,292,806	Complete
Local Roads and Bridges	Niagara, Region of	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).	\$7,110,000	\$44,946	Complete
Local Roads and Bridges	Niagara, Region of	Reconstruction of Pelham Rd (Effingham to Wessel) Phase 2	Reconstruction of RR69 (Pelham Road) from Effingham Road to Wessel Drive. This project involves the reconstruction of the road to address drainage, safety, pavement condition and active transportation (cycling facilities). The length of the rehabilitated road is 2 km.	\$8,104,245	\$4,068,690	Ongoing
Local Roads and Bridges	Niagara, Region of	Rehabilitation of Lakeshore Rd (Townline to Creek) with Bike Lanes	This project involves the reconstruction of the road to address pavement condition and waterfront trail as recommended in an environmental assessment. The improvements will address drainage deficiencies, road condition and paving of the shoulders for cyclists. The length of the rehabilitated road is 2.7 km.	\$8,500,000	\$223,557	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Niagara, Region of	Reconstruction of RR61 Portage Rd & RR87 Lakeshore Rd	Reconstruction of a rural and semi-rural arterial roadway to an urban arterial roadway. This involves widening and intersection modifications to improve traffic flow. Phase 2 to address the deteriorating road conditions, drainage, culverts, new storm sewers, urbanization and semi-urbanization of the roadway, intersection roadway lighting and active transportation. 4.05 km of road is being reconstructed.	\$2,800,000	\$78,947	Ongoing
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Concession 6 Road - Culvert Replacement	The project consists of the replacement of the existing concrete box culvert at the Bright's Drain crossing on Concession 6 Road. The works are being carried out in conjunction with the road reconstruction project being carried out along Concession 6 Road. The new culvert will be able to accommodate future traffic growth from new and existing development and will provide active transportation (cyclists and pedestrians) choices for non-motorists.	\$121,000	\$87,164	Ongoing
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Concession 6 Road - Road Reconstruction	The project consists of new storm sewer installation (280 m), new watermain installation (340 m), water main replacement (325 m), the replacement of water services, streetlighting improvements, sidewalk installation, and road reconstruction (400 m) on Concession 6 Road. The reconstructed road will be able to accommodate future traffic growth from new and existing development and will provide active transportation (cyclists and pedestrians) choices for non-motorists.	\$800,000	\$127,630	Ongoing
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Grange Crescent and Autumn Place - Resurfacing	The Town is completely milling and resurfacing the existing surface of Grange Crescent (365 m) and Autumn Place (105 m), and performing minor drainage improvements and curb repairs as well. This project will provide safe, serviceable road pavements that maximize sustainability for future use.	\$106,000	\$65,584	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Henegan Road and Walker Road - Resurfacing	The Town is completely milling and resurfacing the existing surface of Henegan Road (305 m) and Walker Road (375 m), and performing minor drainage improvements and curb repairs as well. This project will provide safe, serviceable road pavements that maximize sustainability for future use.	\$130,000	\$111,113	Complete
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Reconstruction of Anne Street	The project consists of storm sewer installation (220 m), sanitary installation (220 m) minor water system alterations, water main replacement, sidewalk installation, and road reconstruction (220 m). This also involves road base excavation, curb and gutter installation and base coarse and top coarse asphalt placement.	\$275,000	\$0	Ongoing
Local Roads and Bridges	Niagara-on-the-Lake, Town of	Four Mile Creek Road Resurfacing - Hunter to Wall (Phase One)	Four Mile Creek Road - resurfacing the existing road and expanding the platform from a 6 m wide platform to a 9 m wide platform. The expanded platform includes a paved shoulder. The length of road to be resurfaced is 750 m. Road rehabilitation projects provide safe serviceable road pavements that maximize sustainability for future use.	\$300,000	\$2,493	Complete
Local Roads and Bridges	Nipigon, Township of	First Street Resurfacing	The Township removed 300 m of asphalt from First Street and repaired the base of the road with "A" gravel. The Town subsequently resurfaced the 300 m of roadway on First Street with 50 mm of Super Asphalt and also extended the shoulders of the roadway to manage to storm water run off.	\$315,000	\$275,000	Complete
Local Roads and Bridges	Nipissing, Township of	Road Surface Treatment - Various Roads	Resealing of multiple roads as part of projects started in 2019 will complete the surface treatment of 6.5 km of roads which were pulverized, graveled and a double surface treatment was applied. In addition, 400 m of Ski Hill Road will be pulverized, culverts replaced, gravel applied and a double surface treatment applied.	\$165,430	\$165,430	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Norfolk, County of	College Street Area Reconstruction - Waterford Phase 2	Complete reconstruction of watermain, sanitary sewer, storm sewer, road granulars, curb & gutter, sidewalk, asphalt, topsoil and sod. Work involves the complete reconstruction of College St (from John St to Main St), St James St (from College St to Mechanic St), Cottage St (from College St to Mechanic St), and Sovereign St (from John St to Main St) in Waterford (for a total length of 1,210 m). Sections being completed had very poor road conditions as well as cast iron watermains.	\$4,030,000	\$1,903,000	Ongoing
Local Roads and Bridges	Norfolk, County of	Union Street Reconstruction - Queen to Norfolk Street, Simcoe	Complete reconstruction - storm, water, wastewater, road granulars, curb & gutter, sidewalk, asphalt, topsoil and sod. Sanitary sewer videoed in 2019 discovered the bottom of the sewer is completely gone, making the project an immediate priority.	\$3,000,000	\$91,459	Ongoing
Local Roads and Bridges	Norfolk, County of	Asphalt Resurfacing - Norfolk County Road 45	Cold-in-Place and asphalt overlay for Norfolk County Road 45 from Elgin County Road 55 to Norfolk County Road 28. Paved shoulders will be included as per Active Transportation Plan. Road was rated as NOW need in 2014 Roads Needs Study.	\$1,861,081	\$1,674,973	Complete
Local Roads and Bridges	Norfolk, County of	Asphalt Resurfacing - NC Rd 23, Col Talbot Rd to NC 60	Cold-in-Place asphalt recycling and asphalt overlay for Norfolk County Road 23 from Colonel Talbot Road to Norfolk County Road 60. Length of road is 16.3 KM and is rating of NOW need in 2014 Roads Needs Study	\$2,984,122	\$2,691,233	Complete
Local Roads and Bridges	Norfolk, County of	Don Jon Blvd - Hwy 6 to Jaylin Cres, Port Dover	Complete reconstruction - storm, wastewater, water, road granulars, curb & gutter, sidewalk, asphalt, topsoil and sod for Don Jon Blvd (330m) from Highway 6 to Jaylin Crescent.	\$2,580,000	\$4,370	Ongoing
Local Roads and Bridges	Norfolk, County of	Asphalt Resurfacing - Thompson Road East	This project is for the cold-in-place asphalt recycling (using CIREAM) and asphalt overlay of Thompson Road East from 800 m west of Cockshutt Road to the west limit of Villa Nova. Paved shoulders are also included as per the Active Transportation Plan.	\$1,081,211	\$973,090	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	North Algona Wilberforce, Township of	Rehabilitation of Island View Drive	The road has failed and requires constant patching to maintain a safe and usable surface. The Township is therefore rehabilitating the road (over a length of 3.3 km) by pulverizing the surface, repairing the base, addressing four cross drainage issues, completing brushing and dust control, and applying a double surface treatment.	\$196,155	\$0	Complete
Local Roads and Bridges	North Algona Wilberforce, Township of	Resurfacing Grist Mill Road	The road has failed and repairs (pot hole filling) can no longer keep up with the issues. The Township is therefore removing substandard base material, constructing a new base with geotextiles, replacing end of life culverts, and applying a double surface treatment over 8 km of the road.	\$436,637	\$88,706	Complete
Local Roads and Bridges	North Bay, City of	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 involve pulverizing or milling the existing asphalt, placing new structures, installing a heavy-duty binder, and other minor rehabilitation to storm sewers, curbs, gutters, and sidewalks. The total length of resurfaced roads in this project is 8,595 m.	\$3,670,220	\$2,970,623	Complete
Local Roads and Bridges	North Dumfries, Township of	Resurfacing Greenfield Rd, Broom St, Robson St, Hilltop Dr, and Douglas Dr	Resurfaced approximately 4 km of road within the Township. Work was completed on Hilltop Drive, Broom Street, Robson Street, Douglas Drive, and Greenfield Road as the asphalt had reached the end of its serviceable life and needed to be replaced to ensure the preservation of the remainder of the road assets.	\$910,417	\$600,000	Complete
Local Roads and Bridges	North Dundas, Township of	Resurfacing Coulthart Rd, Finch Winchester Boundary Rd, and Ormond Rd	The Township resurfaced 28 km of road (Coulthart Road, Finch Winchester Boundary Road, and Ormond Road). The objective of the rehabilitation is to improve the road condition. Hard surfaced roads improve gas mileage while traveling the roads, resulting in fewer green house gases(GHG) being emitted from vehicles.	\$670,967	\$455,194	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	North Frontenac, Township of	Road 509 Culvert Replacement	Road 509 is a major highway in North Frontenac and included twin 1200mm diameter culverts at a creek crossing east of Plevna. The original culverts were installed in the 1960s when the highway was realigned and reconstructed. These culverts were in place well beyond the expected service life and in very poor condition. During our 2019 flooding event, the culverts performed but were monitored very closely for evidence of distress. The new culverts are performing well this spring.	\$91,390	\$91,390	Complete
Local Roads and Bridges	North Glengarry, Township of	Concession 6 Road Renewal	The initial plan for this project called for repaving 4.3 km of the road. However, due to the poor condition of the road, it was necessary to repave 6.5 km (double lanes) instead. Concession 6 Rd was paved from Dornie Road to McDonnell's Side Road and from McDonnell's Side road to County Road 30. This road has had increased usage and thus increased wear and tear. This project will ensure continued safety to its users while extending the useful life of the asset.	\$729,824	\$409,000	Complete
Local Roads and Bridges	North Glengarry, Township of	Rehabilitation of Skye Road	Joint project with the Nation Municipality consisting of 2 km of road construction and paving of Skye Road. The current road is full of pot holes, cracks and weaving. The double surface treatment is being paved with asphalt to extend the useful life of the asset and ensure safety to local residents.	\$250,000	\$67,356	Ongoing
Local Roads and Bridges	North Glengarry, Township of	Bridge Rehabilitation Program	Bridge rehabilitation on the following structures: Structure # 10 - Concession Rd. 4, Structure # 17 - Fraser Road, Structure # 28 - Ranger Road, Structure # 36 - Wylie Road, Structure # 43 - McCormick Road, Structure # 44 - McPhee Road, Structure #s 50 & 51 - Glen Sandfield Road, Structure # 53 - Old Military Road and Structure # 55 - Power Dam Road.	\$10,220,845	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	North Grenville, Municipality of	Rehabilitation of Structure 13 - Old CPR Rail Pedestrian Bridge	The rehabilitation of this structure is based on the most recent OSIM inspection. This former rail bridge is currently utilized as a multi use pathway. This structure spans the Barnes Creek and supports not only the active transportation trail but also important fiber optic and natural gas lines that service parts of eastern Ontario.	\$167,184	\$8,444	Ongoing
Local Roads and Bridges	North Grenville, Municipality of	Surface Treatment of Gravel Road - Pelton Rd - Eager to CR22	The section of Pelton Road from County Road 22 to Eager Road received a gravel base rebuild in 2019 and received a surface treatment to hard surface the same section in 2020. This provides a smoother safer driving surface and reduces maintenance.	\$141,000	\$140,610	Complete
Local Roads and Bridges	North Grenville, Municipality of	Surface Treatment of Gravel Road - Latourell Rd - CR22 to Boundary	The section of Latourell Road from County Road 22 to Boundary Road received a gravel base rebuild in 2019 and received a surface treatment to hard surface the same section. This provides a smoother safer driving surface and reduces maintenance.	\$121,000	\$120,689	Complete
Local Roads and Bridges	North Grenville, Municipality of	Surface Treatment of Gravel Road - Latimer Rd - CR 22 to Boundary	The section of Latimer Road from County Road 22 to Boundary Road received a gravel base rebuild in 2019 and received a surface treatment to hard surface the same section in 2020. This provides a smoother safer driving surface and reduces maintenance.	\$46,000	\$42,257	Complete
Local Roads and Bridges	North Grenville, Municipality of	Gravel Rebuild of Scotchline Rd - Bolton to Donoghue	Gravel Rebuild on Scotchline Road between Bolton Road and Donoghue Road to improve/replace the Granular A and B layer to provide the structural support for hard surfacing in 2021.	\$92,400	\$92,332	Complete
Local Roads and Bridges	North Grenville, Municipality of	Gravel Rebuild of Bolton Rd - CR 43 to Tracks	Gravel rebuild, on Bolton Road between County Road 43 and the Railway tracks, to improve and replace the Granular A and B layer to support hard surfacing of the section in 2021. Select drainage and ditch work is also being completed.	\$150,000	\$143,832	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	North Grenville, Municipality of	Gravel Rebuild of Tompkin Rd - CR 44 to Townline	Gravel rebuild in 2020 on Tompkins Road from County Road 44 to Townline. Work involves the replacement and improvement of the granular A and B layer to provide the structural support for hard surfacing in 2021. Select ditch/drainage improvements are also being completed.	\$134,000	\$129,663	Complete
Local Roads and Bridges	North Grenville, Municipality of	Gravel Rebuild - Townline Rd (Hess to Tompkins)	Replace/improve the structural granular A and B layers to support a surface treatment application in future year. This section of Townline Road spans from Hess Road to Tompkins Road. This is part of an overall network improvement from granular to hard surface in this quadrant of the Municipality creating a smoother safer road network.	\$80,000	\$35,338	Complete
Local Roads and Bridges	North Huron, Township of	Carling Terrace Reconstruction	A full reconstruction of Carling Terrace was completed from Diagonal Road to Victoria Street including the installation of a pedestrian cross walk. The surface of this section of the road was deteriorating. This project improves the condition of the roadway and provides improved safety measures for schools in the area.	\$1,740,734	\$251,157	Ongoing
Local Roads and Bridges	North Huron, Township of	Moncrieff Road Tar & Chip	The main objective of this project was to install tar & chip on Moncrieff Road from Currie Line to Scott Line. This project provided a higher service level in this rural area. The tar & chip surface will additionally have longer wear and life span.	\$96,105	\$96,105	Complete
Local Roads and Bridges	North Huron, Township of	North Street - Reconstruction	To reconstruct North Street from Hwy #4 (Queen St) to Gloria Street (New Subdivision). Work involves reconstruction of the road base, curb and gutter and base lift of asphalt. This project will bring the existing road up to standard and was required due to extensive development in the vicinity.	\$65,000	\$0	Ongoing
Local Roads and Bridges	North Perth, Municipality of	Full Reconstruction of Multiple Streets	Full reconstruction of the road, wastewater, water and stormwater for part of Albert Avenue, Edgar Street, Binning Street, Main Street, Elma Street, Victoria Avenue, Fern Place and the walking Trail. Over 3.124 lane km of residential street reconstruction is included in the project.	\$6,682,377	\$1,220,634	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	North Stormont, Township of	Gravel Construction - Building Base on Various Roads	Gravel reconstruction to build up the road base of approximately 2.6 km of rural roads which will provide a smoother driving surface for commuters (and less emissions in gas).	\$27,391	\$27,391	Complete
Local Roads and Bridges	North Stormont, Township of	Finch/Winchester Boundary Reconstruction	The Township reconstructed Finch/Winchester Boundary Road from SDG County Road 9 to SDG County Road 13. Reconstruction consisted of pulverizing, gravel resurfacing, and double surface treatment. This road is a vital route commonly used by commuters to get to Highway 417 and Ottawa.	\$146,972	\$146,972	Complete
Local Roads and Bridges	North Stormont, Township of	Surface Treatment - Single Overlays of Local Roads	Single surface treatment overlay on 17 lane-km of various roads including Strathmore Road, Concession 1-2, Warina and asphalt paving from St.Pauls to Courville. This rehabilitative work is critical to extend the useful life of affected roadways.	\$192,114	\$192,114	Complete
Local Roads and Bridges	Northeastern Manitoulin and the Islands, Town of	Upgrades to Connecting Link Highway	This project included upgrades to three portions of Connecting Link highway in the Town (approximately 5 lane-km) to ensure that all areas meet full urban standards, reduce future costs, extend the life of the assets, and increase public safety for our residents and visitors to our area. To make the best use of resources, the project also included the replacement of underground infrastructure(water and sewer lines) at the same time the above ground work was being completed.	\$3,124,440	\$399,719	Complete
Local Roads and Bridges	Northern Bruce Peninsula, Municipality of	Micro Surfacing Local Roads in Four Locations	Approximately 5.6 km of the existing gravel and tar and chip roadways on Walter Charman Drive, Goderich Point Loop, Boyds Harbour Loop, and Greenough Point Road were rehabilitated/resurfaced with micro surface material. Micro surfacing produces a harder surface that will extend the useful life of the road section thus reducing the annual maintenance costs, improved fuel economy, and reduce fuel emissions.	\$133,206	\$121,315	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Northumberland, County of	Rehabilitation of County Roads 30 and 10	We are utilizing cold in-place recycling to rehabilitate the 6 km stretch of roadway along County Road 30 from Aranda Way to County Road 29 including bike lanes and ditching for improved drainage. Rehabilitation of County Road 10 utilizes pulverization and application of two lifts of hot mix asphalt to increase the GBE road base strength, and also involves the replacement of curb and gutter, and adjustments of catch basins as well as constructing a paved boulevard as a multi-use trail.	\$3,400,000	\$3,081,705	Complete
Local Roads and Bridges	Norwich, Township of	Middletown Line Bridge #37 Repair and Rehabilitation	Bridge 37 on Middletown Line that crosses over Spittler Creek was in need of repair and rehabilitation. The bridge was identified in the latest bridge inspection report as being built in 1966 and mentioned components needed to be addressed within one year. Deck rehab, barriers, expansion joints, curbs and railings work was completed.	\$454,540	\$341,474	Complete
Local Roads and Bridges	Norwich, Township of	Partial Depth Reconstruction of Middletown Line between Maple Dell Road and Otterville Road	Per the latest roads needs study, sections 119A and 119B of Middletown Line were reconstructed on a partial depth basis. The length of road resurfaced is 3.2 km with a surface type of High Class Bituminous (HCB). These sections had a condition rating of 4, meaning poor structural condition and substantial improvement needed throughout total road system. The annual average daily traffic count across this section is 1374.	\$543,050	\$335,000	Complete
Local Roads and Bridges	Oakville, Town of	Bridge Rehabilitation - Royal Windsor Drive at the Metrolinx Crossing	The rail bridge at Royal Windsor Drive was constructed in 1955. Rehabilitation work (structural steel repairs) are being completed in accordance with the findings of the biannual bridge inspection program.	\$5,051,000	\$511	Ongoing
Local Roads and Bridges	Oakville, Town of	Resurfacing Multiple Roads	Rehabilitation of roadway pavements to improve pavement quality, reduce maintenance costs and prolong the life of the pavement structure. Improved pavement quality promotes more efficient vehicle operation, reduces air pollution and extends the lifecycle of this key town asset. This project involves the rehabilitation of approximately 24.0 centreline kilometres (48.96 lane-km) of roadway.	\$10,698,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Oakville, Town of	Bridge Rehabilitation - Warminster Drive at 14 Mile Creek	The 16.8 m bridge over 14 Mile Creek at Warminster Drive and 0.2 km south of Bridge Road is in need of replacement and rehabilitation. A detail condition assessment was completed and identified that the entire bridge deck (area of 184.8 sq. m) would need to be replaced as part of the overall rehabilitation of the structure. Rehabilitation of the bridge will also include concrete patch work, sidewalk, and railing repair.	\$1,674,000	\$0	Ongoing
Local Roads and Bridges	Oakville, Town of	Reconstruction and Widening of Speers Road (from West of 3rd Line to 4th Line)	Reconstruction and widening of Speers Road from west of 3rd Line to 4th Line. The current roadway does not effectively support alternative travel modes; its current operation is frustrated by the absence of a centre turn lane and access points to/from adjoining lands. Improvements are necessary to incorporate all modes of travel within the corridor, address safety concerns, operational inefficiencies and ride quality.	\$30,744,000	\$0	Ongoing
Local Roads and Bridges	Oakville, Town of	Road Rehabilitation and Widening - Sixth Line N of Dundas	Reconstruction and widening of Sixth Line with improvements to urban standards with streetlights, traffic signals, storm sewers, boulevard landscaping, on-street cycle lanes and boulevard trails/sidewalks. The improvements are necessary to address all modes of travel demands within the corridor and improve the function of the intersections over its length as development proceeds northerly from Dundas Street. Construction will extend from Dundas Street to William Halton Parkway.	\$32,851,000	\$50,883	Ongoing
Local Roads and Bridges	Oakville, Town of	Construct grade separation of Kerr Street & 3 Canadian National Railway main lines	Construction of the new Road/Rail Grade Separation as outlined in the Environmental Assessment Study. This project will deliver an improved travel corridor and eliminate the safety issues associated with high volume level crossing points. This eliminates the need for pedestrian, cyclist and vehicular traffic to stop and wait while a train is occupying and/or crossing, thereby reducing GHG emissions and improved travel times for the public.	\$65,544,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	O'Connor, Township of	Resurface - Holomego Road	Gravel resurfacing of 1.6 km of Holomego Road (starting at Hwy 590 west to Garbutt Road) with application of dust control for road stabilization. Resurfacing provides material for grading and shaping and will result in a roadway with proper drainage.	\$23,000	\$19,675	Complete
Local Roads and Bridges	O'Connor, Township of	Resurface - Smart Road	Gravel resurfacing 1.6 km of Smart Road with application of dust control for road stabilization. Resurfacing provides material for grading and shaping and will result in a roadway with proper drainage.	\$23,000	\$18,437	Complete
Local Roads and Bridges	O'Connor, Township of	Resurface - Chambers, Kershaw Roads	Gravel resurfacing 1 km of Chambers Road and Kershaw Road with application of dust control for road stabilization. Resurfacing provides material for grading and shaping and will result in a roadway with proper drainage.	\$20,000	\$19,314	Complete
Local Roads and Bridges	Oil Springs, Village of	Resurfacing of Plank Rd South, Oil Springs Line, Kelly Rd and Gypsie Flats Rd	Four roads - Plank Rd South, Oil Springs Line, Kelly Rd and Gypsie Flats Rd - totaling 3.75 km in length - are being excavated and resurfaced. The scope of work involves pulverizing existing tar and chip asphalt, placing and compacting the granular base, placing sub-drainage along both sides of road, and placing asphalt in two lifts.	\$916,879	\$19,658	Complete
Local Roads and Bridges	Oliver-Paipoonge, Municipality of	Reconstruction of Barrie Drive and Candy Mountain	The Municipality is reconstructing Barrie Dr (west of River Rd) and Candy Mountain Dr (from Hanna Rd to Gillespie Rd) - a total distance of 8.5 km. Work involves the reconstruction of aging infrastructure and the renewal of drainage systems and a culvert.	\$399,547	\$359,302	Complete
Local Roads and Bridges	Orangeville, Town of	Tideman Drive Bridge Rehabilitation	The Tideman Street Culvert was built in 1976 and the 2018 Biennial Inspection Report identified this structure for rehabilitation to preserve the structure and extend the useful service life. Scheduled work includes upgrades to the railing system, repair of longitudinal distress cracks, concrete abutments/wingwalls, localized concrete spalling and reinforcing, removal of wearing surface, application of water proofing membrane and some localized in stream works to remove sediment.	\$217,000	\$7,311	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Orangeville, Town of	Dawson Road Culvert Rehabilitation	The Dawson Road culvert was built in 1965 and has been identified for rehabilitation in the 2018 Biennial Inspection Report. The structure is showing signs of moisture penetration and concrete deterioration. The rehab work includes removing & replacing the severe localized spalling to address the exposed primary reinforcing steel; rehabilitation of longitudinal cracks and cracking at the ends of the deck; updating guard rails and approaches etc.	\$269,000	\$17,404	Ongoing
Local Roads and Bridges	Orangeville, Town of	Faulkner Street Reconstruction - Westminster Lane (2E2) to Elizabeth	<p>The Roads Needs Study has identified this section of Faulkner to be a priority due to the poor condition of the road surface and the structural rating of the road. The water and sewer mains have reached their life expectancy and are in need of replacing. This requirement has been identified by the Asset Management Plan.</p> <p>Completion of this project will increase financial and operational efficiencies while improving the Town's infrastructure.</p>	\$684,000	\$476,579	Ongoing
Local Roads and Bridges	Orangeville, Town of	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.	\$12,060	\$0	Complete
Local Roads and Bridges	Orillia, City of	Reconstruction and Design of Bleeker Street	The project involves the design and reconstruction of Bleeker St. from Colborne St. West to McKinnell Street (approx. 180 m). Work involves the replacement of the existing 74 year old, 200 mm, sanitary sewer made from clay pipes, addresses the deteriorated condition of the road surface and sidewalk, and creates an urban road profile with curbs and gutters connected to the new storm sewers (replacing the existing asphalt lined ditches and incorporating low impact LID technologies where possible).	\$1,000,000	\$180,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Orillia, City of	Reconstruction of Front St (Neywash St from Colborne St E to Laclie St)	The project involves the reconstruction of Front Street and Neywash Street from Colborne Street East to Laclie Street. This is the second phase of a two phase project. The project will address the deteriorated condition of the road surface and provide improvements to existing servicing infrastructure. It will also provide an opportunity to relocate the existing sanitary sewer from the waterfront area to eliminate design and future development constraints for Centennial Drive.	\$9,500,000	\$2,900,000	Complete
Local Roads and Bridges	Orillia, City of	West Ridge Boulevard Widening	The project involves the widening of West Ridge Boulevard from Bass Lake Sideroad East to Hunter Valley Road to a five lane standard road complete with curb and gutter. The City is responsible for the addition of a second southbound through lane on West Ridge Boulevard from Bass Lake Sideroad East to Hunter Valley Road. The second southbound lane is required to receive vehicles from the second westbound left turn lane on Highway 12 at West Ridge Boulevard that was added in 2018.	\$2,700,000	\$0	Complete
Local Roads and Bridges	Orillia, City of	Reconstruction of Front St South from Queen St E to Colborne St E	Reconstruction of Front St South from Queen St East to Colborne St East (530 m) complete with wider boulevards for improved pedestrian access. Water, sanitary sewer, stormwater sewer, streetlights, and traffic signals are being replaced. The Project will also involve replacement of streetlights, traffic signals, underground servicing and the installation of a trunk sanitary sewer.	\$6,500,000	\$0	Complete
Local Roads and Bridges	Orillia, City of	Widening of West Street South between James Street West and Highway 12	This project involves widening West Street South between James Street West and Highway 12 (550 m) from two lanes to four lanes to match the existing cross-section to the north and provide the continuation of four lanes through to the highway. Also included is a Municipal Class Environmental Assessment (MCEA) and Detail Design.	\$450,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Orillia, City of	Highway 12 Widening - West Ridge to Hwy 11	The project involves improving traffic flow in a busy commercial corridor - specifically, adding second turn lanes at three locations, modifying traffic signals at two intersections, and related road reconstruction to accommodate realigned roads.	\$5,335,000	\$0	Complete
Local Roads and Bridges	Oro-Medonte, Township of	Line 4N MSLR Rehabilitation	As identified in the Township's Asset Management Plan, Line 4N MSLR between Mount St. Louis Road and Moonstone Road exceeded its reasonable lifespan and was in need of resurfacing. The rehabilitation was essential to the revitalization of our community and enhanced accessibility for residents	\$472,851	\$374,847	Complete
Local Roads and Bridges	Oro-Medonte, Township of	Rehabilitation of Culvert 22 on Line 2N (South of Mt. St Louis Rd)	A large diameter culvert on Line 2N Shanty Bay (south of Mt. St Louis Rd) was replaced. The culvert was 20 years old, had substantially degraded due to heavy flooding in the area, and was in need of replacement or rehabilitation to prevent collapse.	\$761,055	\$638,153	Complete
Local Roads and Bridges	Oshawa, City of	Sidewalk Replacements in Multiple Locations	Removal and replacement of 1,500 m of identified deficient sidewalks throughout the City.	\$400,000	\$357,799	Ongoing
Local Roads and Bridges	Oshawa, City of	Resurfacing and Rehabilitation of Multiple Streets	This project protects the City's road infrastructure from premature deterioration and extends its useful life. It includes removal and resurfacing of asphalt and rehabilitation of deficient curbs & gutters and sidewalks to restore the quality of the road. A total 8,695.4 m of road are being rehabilitated.	\$3,131,000	\$2,267,526	Ongoing
Local Roads and Bridges	Oshawa, City of	Replacement of Five Signal Controllers	Replacement of signal controllers at five locations: Bond St @ McMillan Dr, Park Rd North of Bloor St, Bond St East of Claymore Cr (IPS), Bond St @ Division St, and Conlin Rd @ Founders Dr. Replacing traffic signal controllers at their end of life cycle improves equipment reliability and safety for road users and pedestrians within the City of Oshawa.	\$98,513	\$98,513	Complete
Local Roads and Bridges	Oshawa, City of	Design & Structure Replacement of Culvert on Columbus Road	Replacement of culvert located on Columbus Road with a 12 metre concrete pipe.	\$541,000	\$26,620	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Oshawa, City of	Design & Structure Replacement of Culvert on Wilson Road North	Replacement of culvert on Wilson Road North 90 m south of Columbus Road East with a 20 m corrugated steel pipe.	\$73,000	\$63,417	Ongoing
Local Roads and Bridges	Oshawa, City of	Design & Structure Replacement of Two Culverts on Hillcroft Street	Replacement of two culverts on Hillcroft Street with corrugated steel pipe located 200 m west of Wilson Rd N with a 45 m pipe and 10m north of Central Park Blvd N with a 67m pipe.	\$1,698,000	\$107,620	Ongoing
Local Roads and Bridges	Oshawa, City of	Design & Structure Replacement of Culvert on Darcy Street	This project is for the design and structure replacement of a culvert located on Darcy Street.	\$629,000	\$29,185	Ongoing
Local Roads and Bridges	Oshawa, City of	Preventative Pavement Preservation of Multiple Streets	Preservation of 94,024 m of pavement to keep assets in a state of good repair and improve the safety and reliability of the City's roadways. Regular inspection and analysis of surface ages identifies candidates for treatment.	\$200,000	\$103,912	Ongoing
Local Roads and Bridges	Oshawa, City of	Resurfacing and Rehabilitation of Multiple Streets	This project protects the City's road infrastructure from premature deterioration and extends its useful life. It involves removal and resurfacing of asphalt, as well as rehabilitation of deficient curbs, gutters and sidewalks to restore the quality of the road. A total of 3,889 m of road are being rehabilitated.	\$2,546,811	\$624,376	Ongoing
Local Roads and Bridges	Oshawa, City of	Design & Replacement of Culvert on Mayfair Avenue	This project is for the design and structure replacement of a culvert located on Mayfair Avenue.	\$862,000	\$295,776	Ongoing
Local Roads and Bridges	Oshawa, City of	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.	\$337,881	\$0	Complete
Local Roads and Bridges	Oshawa, City of	Sidewalk Slab Removal and Replacement in Multiple Locations	Removal and replacement of 1,500 m of identified deficient sidewalks throughout the City.	\$247,827	\$0	Complete
Local Roads and Bridges	Oshawa, City of	Sidewalk Reconstruction on Harmony Road North	Reconstruction of 1,980 m of sidewalk on Harmony Road North to be completed in conjunction with the Region of Durham road work.	\$225,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Oshawa, City of	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.	\$785,296	\$17,706	Complete
Local Roads and Bridges	Oshawa, City of	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.	\$1,954,181	\$0	Complete
Local Roads and Bridges	Oshawa, City of	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.	\$286,306	\$0	Complete
Local Roads and Bridges	Oshawa, City of	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.	\$105,470	\$98,140	Complete
Local Roads and Bridges	Oshawa, City of	Replacement & Rehabilitation of Sidewalks in Multiple Locations	To remove and replace 1,250 m of deficient sidewalk slabs throughout the City as identified through annual inspections of the deteriorating active transportation network affected by cracking, heaving, asphalt patching, and ponding, and to comply with design standards.	\$496,000	\$20,380	Ongoing
Local Roads and Bridges	Oshawa, City of	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.	\$2,952,702	\$61,465	Complete
Local Roads and Bridges	Oshawa, City of	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.	\$781,587	\$521,913	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Oshawa, City of	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.	\$1,646,157	\$0	Complete
Local Roads and Bridges	Oshawa, City of	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.	\$6,054,540	\$1,889	Complete
Local Roads and Bridges	Oshawa, City of	Design and Reconstruction of Harmony Creek Trail	Design and reconstruction of 70 metres of Harmony Creek Trail at Adelaide Avenue underpass. The trail is being replaced with asphalt and concrete.	\$1,017,484	\$44,308	Ongoing
Local Roads and Bridges	Otonabee-South Monaghan, Township of	Third Line Road Rehabilitation - Scriven Rd to County Rd 28	Work involves soil testing, brushing and tree removal, ditching to address sightline deficiencies, replacement of entrance culverts and cross culverts, road pulverization, addition of 3-4" of gravel for shaping, and two applications of surface treatment. The wider road surface will reduce maintenance of gravel shoulders, reducing liability due to shoulder rutting. The main objective of this project is a complete rehabilitation for better drainage of water.	\$569,343	\$569,343	Complete
Local Roads and Bridges	Ottawa, City of	City Wide Road Resurfacing	Resurfacing approximately 67 km of east and central urban roads, west and east rural roads, and Riverside Dr. This project is in line with the City's comprehensive asset management practices; work improves the condition of the roadways, focusing on higher class freeways, arterial and collector roads that serve the greatest volume of traffic, carry City buses, and are designated truck routes. Resurfacing reduces maintenance requirements, noise, vibration issues and driver/rider discomfort.	\$41,617,000	\$20,480,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Ottawa, City of	Extension of Earl Grey Dr to Didsbury Rd	Earl Grey Drive was extended approximately 140 m west to Didsbury Road, passing under Terry Fox Drive with a new bridge structure. This is part of a broader initiative to construct a new transitway section between Terry Fox Transitway Station in the east and Didsbury Road in the west. The new section will become part of the 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.	\$477,736	\$0	Complete
Local Roads and Bridges	Owen Sound, City of	16th St East Resurfacing and Reconstruction	To rehabilitate the road and structures along 16th St E/Highway 26 (from 9th Ave E intersection to 90 m west of 18th Ave E). Additional work involves watermain replacement from 60 m east of 12th Ave E to 16th Ave E (490 m), sanitary sewer replacement on 16th Ave E from 14th St E to 16th St E (155 m) and new sidewalk construction from 14th Ave E/Wendy's Restaurant driveway to 49 m west 16th Ave E/Pioneer Petroleum driveway (255 m).	\$2,405,000	\$0	Ongoing
Local Roads and Bridges	Owen Sound, City of	Upgrading/Replacing Traffic Signal Control Equipment in the 10th St Corridor and Downtown Core	This project involves upgrading and/or replacing traffic signal control equipment (cabinets, electronics, signal heads, etc.), updating timing and programs to improve and optimize traffic flow and reduce delays, as well as installation of upgraded or new pedestrian crossings and accessible pedestrian signals for the 10th Street Corridor (from 4th Ave E to 3rd Ave W) and the Downtown core (8th Street and 9th Street) following the 10th Street bridge replacement.	\$300,000	\$137,847	Complete
Local Roads and Bridges	Owen Sound, City of	Upgrade and Replacement of Concrete Infrastructure	Upgrade and replacement of failed concrete infrastructure such as sidewalks (310 sq m) and curb and gutter (115 m) throughout the City, the most significant being the construction of new sidewalk in front of Keppel Sarawak School. Other locations are being coordinated with asphalt resurfacing works.	\$75,000	\$69,500	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Owen Sound, City of	Resurfacing Multiple Roads	Road resurfacing of 6th Ave E, 9th St E, 6th St "A" E, 4th Ave W, 28th St W, and 6th Ave W (totaling 1.9 lane-km) to rejuvenate hot mix asphalt surfaces and extend the expected service life. These are local roads which have been deferred in previous years to facilitate recent arterial road resurfacing and rehabilitation.	\$325,660	\$312,379	Complete
Local Roads and Bridges	Owen Sound, City of	Brooke Basin A-3 Master Plan & Replacement/Rehabilitation of Culverts	Municipal Class EA for Brooke Area Storm Drainage Basin A3 prior to rehab/replacement of the deficient structures. A concrete reinforced box culvert(load posted), two deteriorated corr. steel pipes, a concrete culvert/bridge remnant in poor condition on 6th Ave W at 21st St W are being replaced. A concrete reinforced culvert and storm sewer inlet on 19th St W between 4th Ave W & 5th Ave W are being rehabilitated and partially replaced. The storm sewer drains easterly and discharges into the bay	\$775,000	\$32,295	Ongoing
Local Roads and Bridges	Oxford, County of	Surface Treatment of County Road 25	Surface treatment of County Road 25 from Cobble Hills to County Road 119 (4.2 km). Roads were selected from the roads needs study in conjunction with the Asset Management Program.  Work includes design, engineering, inspection, asphalt padding, single surface treatment application with class 5 trap rock and stress absorbing material, and new lane markings to improve ride, drainage, travel time and fuel consumption.	\$181,050	\$172,000	Complete
Local Roads and Bridges	Oxford, County of	Surface Treatment of County Road 18	Surface treatment of County Road 18 from the East limit of Mount Elgin to County Road 13.  Work includes design, engineering, inspection, asphalt padding, single surface treatment application with class 5 trap rock and stress absorbing material, and new lane markings to improve ride, drainage, travel time and fuel consumption.	\$383,280	\$369,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Oxford, County of	Rehabilitation of Oxford Road 119 from Centennial to Oxford Road 9	<p>Rehabilitation of Oxford Road 119 (Harris Street in Ingersoll) from Centennial to Oxford Road 9, for a total of 1.1 km. Roads were selected from the roads needs study in conjunction with the Asset Management Program.</p> <p>Work includes design, engineering, inspection, pavement milling 75 mm existing asphalt surface, application of 75 mm of new HL-4 hot mix asphalt, to improve ride, drainage, travel times and fuel consumption.</p>	\$272,484	\$259,000	Complete
Local Roads and Bridges	Oxford, County of	Rehabilitation of Oxford Road 9	<p>Rehabilitation of Oxford Road 9 from the Middlesex Boundary to the West Limit of Ingersoll (cold in-place recycling, application of a new lift of 50 mm of HL4 hot mix asphalt) and from Harris Street to the East Limit of Ingersoll (pavement milling 75 mm existing asphalt surface, application of 75 mm of new HL-4 hot mix asphalt), for a total of 4.3 km.</p> <p>Work includes design, engineering, inspection and shouldering to improve ride, drainage, travel times and fuel consumption.</p>	\$1,100,997	\$1,049,000	Complete
Local Roads and Bridges	Oxford, County of	Rehabilitation of County Rd 20	<p>Rehabilitation of County Road 20 from the east limit of Brownsville to the west limit of Tillsonburg (8.3 km). Roads were selected from the roads needs study in conjunction with the Asset Management Program.</p> <p>Work includes design, engineering, cold in-place recycling, application of a new lift of 50 mm of HL4 hot mix asphalt, inspection and shouldering to improve ride, drainage, travel times and fuel consumption.</p>	\$1,308,317	\$1,248,000	Complete
Local Roads and Bridges	Oxford, County of	Rehabilitation of Bridge on Oxford Road 29	The rehabilitation involves a full deck replacement and conversion to semi integral bridge joints, asphalt paving of bridge deck and road approaches, new parapet wall with single railing, along with waterproofing, erosion protection, and recoating of the steel girder ends and end diaphragms. Project also includes concrete curb and gutter including storm catchbasins and outlets to improve drainage.	\$1,432,141	\$1,345,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Peel, Region of	Construction of Sidewalk and Multi-use Trail along Dixie Rd (from Primate to Londonderry)	The construction of approximately 940 m of east side sidewalk and 840 m of west side multi-use trail along Dixie Road (from Primate Road to Londonderry Boulevard). This sidewalk and trail increase urban transportation options.	\$2,240,000	\$48,600	Ongoing
Local Roads and Bridges	Peel, Region of	Crossing Upgrades at Various Locations Where the Caledon Trailway Intersects Regional Roads	The upgrade of seven (7) intersections where the Caledon Trailway crosses the following regional roads: Winston Churchill Boulevard, Mississauga Road, Olde Base Line Road, Airport Road, Old Church Road, The Gore Road and Highway 50. These upgrades, based on industry guidance, provide trail users with safer crossings, encouraging active modes of transportation.	\$200,000	\$9,097	Ongoing
Local Roads and Bridges	Peel, Region of	Construction of a South Side Multi-use Trail along Eastgate Parkway from Cawthra Road to Tomken Road	The construction of approximately 800 m of multi-use trail on the south side of Eastgate Parkway. This trail increases urban transportation options.	\$120,000	\$119,636	Complete
Local Roads and Bridges	Peel, Region of	Construction of a Multi-Use Trail on Erin Mills Parkway from Burnhamthorpe Road to Dundas Street	The construction of approximately 1.8 km of multi-use trail on the west side of Erin Mills Parkway (from Burnhamthorpe Road to Dundas Street), including crossing treatments at the intersections of South Millway and the Collegeway. This trail increases urban transportation options.	\$1,050,000	\$0	Ongoing
Local Roads and Bridges	Peel, Region of	Construction of Regional Trail Corridor 1, South of QEW	This is a cost-shared project with the City of Mississauga to construct a 9 km long multi-use trail within the Lakeshore Royal Windsor Hydro One Corridor. The trail provides people with recreational opportunities and connections to other areas and trails in Mississauga.	\$2,360,000	\$377,606	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Peel, Region of	Pedestrian/Bicycle Bridge Crossing at QEW & Credit River	Design and construction of an active transportation bridge crossing (for pedestrians and cyclists) running north-south and east-west at the QEW and Credit River in partnership with the City of Mississauga. The crossing will become an important part of the active transportation network - along with the Culham Trail running north-south from the QEW, and the east-west Lakeshore-Royal Windsor Trail - traversing the City of Mississauga from Halton Region to the City of Toronto.	\$530,000	\$0	Ongoing
Local Roads and Bridges	Peel, Region of	Construction of Multi-Use Trails/Sidewalks/Bike lanes	Design and construction of 2.1km multi-use trails on Derry Road-Argentia to Millcreek and on Airport Road-Countryside to Mayfield. Improved lighting, signage and traffic signals/road crossing enhancements on trails of Britannia Rd, Erin Mills Parkway to Winston Churchill Boulevard. Construction of 1.36km sidewalks on Derry Road-Rexwood to Highway 427 and Dixie Road-Derry to Courtneypark. Design & implementation of a buffered 1.5km bike lane on Dixie Road-Lakeshore to just south of the QEW.	\$2,103,929	\$87,423	Ongoing
Local Roads and Bridges	Pelee, Township of	Bridge Replacement - Parsons Road and West Pump Road	The replacement of the Parsons Road bridge and rehabilitation of Centre Dyke Road which is experiencing major bank failures negatively impacting the municipal drainage system. This is a major public safety concern affecting bridges, roads, and wastewater.	\$2,361,700	\$0	Ongoing
Local Roads and Bridges	Pelham, Town of	Road Reconstruction - Pelham Street: College Street to Port Robinson Road	Pelham St is being reconstructed to correct drainage issues on College St and Port Robinson Rd.	\$1,079,519	\$557,548	Ongoing
Local Roads and Bridges	Pelham, Town of	Pelham Street North Reconstruction	Project includes new Stormwater Management Facility upgrades on Shorthill Pl and approximately 0.55 km of urbanized road reconstruction on Pelham St, Hurricane Rd and Chestnut St. Also included is the installation of storm sewers (250 to 900 mm diameter) along Pelham St, Hurricane Rd and Shorthill Pl to the Stormwater Management Facility, alleviating flooding on Broad St and Hurricane Rd and resulting in the elimination of roadside ditches and swales in the municipal road allowance.	\$2,545,568	\$837,660	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Pembroke, City of	Boundary Road - Amira St to Karen St	Boundary Road is one of the City's major east/west arterial "boundary" roads connecting neighbouring municipalities to the City's services. The road was severely deteriorating, causing ongoing issues with traffic flow. Works included milling the top 50 mm of the existing asphalt surface in the majority of areas to reduce potholes and rutting, placing a 50 mm lift of asphalt over milled areas, and placing asphalt in locations where the existing curb gutter had deteriorated.	\$113,206	\$113,206	Complete
Local Roads and Bridges	Pembroke, City of	Reconstruction of Miller Street - Phase 2 (Dominion Street to Munro Street)	Project consists of full road asphalt removal and reinstatement, placement of granulars to correct crossfall and drainage deficiencies, concrete curb and sidewalk replacements in areas to correct trip hazards and drainage issues and the reinstatement of residential driveways and landscaping to match into adjoining properties.	\$201,675	\$201,675	Complete
Local Roads and Bridges	Pembroke, City of	Rehabilitation of Foster Fraser Bridge on Bennett Street	Construction consists of scarifying and overlaying of existing concrete deck, new waterproofing and paving over structure, partial depth concrete removals and overlaying of existing concrete sidewalk and curb over bridge deck and wingwalls. Replacement of bearings, existing bridge railing with new concrete parapet walls, expansion joint assemblies, approach guiderail, approach sidewalk, curb and gutter and approach asphalt including roadway granular.	\$1,380,487	\$1,148,700	Complete
Local Roads and Bridges	Pembroke, City of	Reconstruction of Victoria Street from Renfrew Street to the Railroad Right-of-Way	Victoria St has exceeded its useful life by 52 years and has degraded beyond what normal maintenance activities can resolve. Existing overhead utility poles are in close proximity to the road edge and are a hazard for traffic. Underground infrastructure is between 35 - 57 years beyond useful life. Full reconstruction (water, sewer, storm, road, sidewalk) of Victoria Street will provide buried utilities, new street and pedestrian lighting, wider sidewalks and managed on street parking.	\$3,505,388	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Pembroke, City of	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.	\$7,339,445	\$0	Ongoing
Local Roads and Bridges	Perry, Township of	SoHoMish Road Granite Surface Renewal	Rehabilitation of the road to restore the crown on the gravel portion, and improve drainage issues that arise during heavy rains. Removal of existing surface treatment on a 1.8 km portion of the road which was full of potholes and patchwork. The rehabilitation work will improve the safety and ride comfort of the road for local residents. Work involves removing the existing hard top surface where present, replacing culverts, ditching, and application of a 4" lift of granite to the surface.	\$162,642	\$149,441	Complete
Local Roads and Bridges	Perth East, Township of	Reconstruction of Line 29	Reconstruction of 13.13 lane-km of Line 29 using cold-in-place asphalt recycling, finished with hot-mix surface asphalt. The prior surface showed signs of deterioration. Longitudinal, transverse and alligated cracking were causing an uneven riding surface and drainage issues. Frequent cold patching applications were required to maintain a satisfactory surface condition. In certain areas, the edge of the pavement surface was beginning to unravel and break away from the remaining surface.	\$667,268	\$667,268	Complete
Local Roads and Bridges	Perth South, Township of	Line 20 Reconstruction between Road 119 and Perth Road 113	The Township reconstructed Line 20 between Road 119 (also known as Ontario Highway 7) and Perth Road 113. Work involved culvert replacement, drainage improvements, and the application of a new hot mix asphalt surface. The existing Line 20 asphalt road culverts were at the end of their useful life and their condition had deteriorated to the point where reconstruction and replacement were required to maintain a safe and reliable roadway for the public.	\$863,141	\$248,836	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Perth, County of	Resurfacing Perth Line 86 East	The County is resurfacing Perth Line 86 from Perth Road 131 east to Dorking (7.5 km). This section of Perth Line 86 is a boundary road with Wellington County.	\$1,341,582	\$1,341,582	Ongoing
Local Roads and Bridges	Perth, County of	Rehabilitation of Road 112	The County is recycling and repaving Road 112 from Stratford to Perth Line 26 (4 km). A portion of the road is also being regraded south of the intersection with Line 29 (using cut and fill operations); this portion is not being recycled, but is receiving two lifts of hot mix asphalt.	\$519,750	\$371,042	Ongoing
Local Roads and Bridges	Perth, County of	Rehabilitation of Road 113	The County is recycling and repaving Perth Road 113 from Stratford to the Oxford County Boundary (7.58 km).	\$1,450,323	\$1,396,890	Ongoing
Local Roads and Bridges	Perth, Town of	Sidewalk Replacement on Drummond St W	Approximately 120 m of sidewalk was constructed on Drummond St W from Dufferin St to the home hardware contractor entrance. This location was selected to provide accessibility for pedestrians to the Shepherd St subdivision.	\$29,694	\$26,724	Complete
Local Roads and Bridges	Petawawa, Town of	Airport Road Rehabilitation - Phase 1 and Phase 2	The rehabilitation of Airport Road involves in-place processing, Granular 'A' padding, new culverts, hot mix paving, line painting, ditch cleanout and landscaping. Two sections are being rehabilitated: the first is just under 1 km and ends at Petawawa Blvd, and the second runs from 300 m west of Biesenthal Road to Len Hopkins Drive - a distance of 1.1 km. Both sections of road are in poor condition and experience frequent potholes.	\$545,088	\$522,702	Ongoing
Local Roads and Bridges	Peterborough, City of	Road Pavement Preservation and Surface Repairs - Multiple Locations	The project involves the installation and adjustments of frames, covers and grates, curb removal, curb re-installations, grinding of asphalt, application of emulsified asphalt tack coat, installation of hot mix asphalt and the application of pavement markings in various locations throughout the City. On some roads, the project involves treatment methods to repair the road surface condition, including resurfacing, tar and chip treatment and overlay.	\$5,100,000	\$3,253,638	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Peterborough, City of	Extension of Crawford Drive to Harper Road	The project scope includes the closure of Crawford Drive west of the Harper Road Intersection and construction of a new connection from Crawford Drive to Harper Road northwest of the new Casino / Hotel development lands. The works are subject to an external servicing agreement with the Developer.	\$14,000,000	\$0	Ongoing
Local Roads and Bridges	Peterborough, City of	New Sidewalk Installation on Armour Rd and Wildlark Gate	The project involves the installation of approximately 300 m of new concrete sidewalk on the west side of Armour Road fronting Thomas A. Stewart Secondary School including a pedestrian crossover, two transit pads and a bus shelter. The project also includes the installation of approximately 70 m of new concrete sidewalk on the west side of Wildlark Gate.	\$910,234	\$0	Ongoing
Local Roads and Bridges	Peterborough, City of	Road Resurfacing on Multiple Streets	The project involves grinding of asphalt, installation/adjustments of frames, covers and grates, application of emulsified asphalt (tack coat), installation of hot mix asphalt and the application of pavement markings to 4.1 km of roadway.	\$4,383,060	\$1,344,302	Ongoing
Local Roads and Bridges	Peterborough, City of	Moorecraig Road and Roper Drive Reconstruction	The project covers the reconstruction and urbanization of Moorecraig Road and Roper Drive from Wallis Drive to a point 30 metres west of Moorecraig Road (385 metres) including the installation of concrete curb, storm sewer (721 metres), sanitary sewer (590 metres) and tree plantings.	\$3,000,000	\$826,400	Ongoing
Local Roads and Bridges	Peterborough, City of	Lansdowne Street Multi-use Trail - River Rd to Ashburnham Rd	A 680 metre asphalt multi-use trail will be built on the south side of Lansdowne Street from River Road to Ashburnham Drive, connection to the trail on the west side of Ashburnham Drive.	\$1,100,000	\$510,000	Ongoing
Local Roads and Bridges	Peterborough, City of	Reconstruction of Chemong Rd - Parkhill to Parkway Right-of-Way	Major reconstruction to widen this road to five lanes of traffic by introducing a centre turn lane. Approx. 1.1km of roads are reconstructed in this project.	\$37,540,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Peterborough, City of	Road Reconstruction of Parkhill Road to City Limits	Installation of three (3) traffic signals and left turn lanes at the intersections of Parkhill Road West with Wallis Drive, Ravenwood Drive, and Chandler Crescent and a roundabout at Parkhill Road West and Brealey Drive. The road length between Wallis Dr and Brealey Dr on Parkhill Road West is 2.2km.	\$26,370,000	\$3,144,609	Ongoing
Local Roads and Bridges	Peterborough, County of	North River Bridge Replacement	The replacement of the North River Bridge involves the full removal of the existing deteriorated structure and replacement with a new rigid frame precast structure, environmental protection and restoration of the road approaches.	\$1,664,973	\$1,491,929	Complete
Local Roads and Bridges	Peterborough, County of	County Road 40 Rehabilitation	The rehabilitation of 9 km of County Road 40 involves pulverizing the existing asphalt road surface, processing the road base with expanded asphalt and placement of a 50 mm lift of hot mix asphalt to the full width of 10.0 m.	\$2,186,836	\$1,947,979	Complete
Local Roads and Bridges	Pickering, City of	Asphalt Sidewalk Reconstruction - Whites Road	Reconstruct existing asphalt sidewalk on Whites Road - west side, from Sunbird Trail to Amaretto Avenue, including boulevard restoration and drainage improvements.	\$200,000	\$13,909	Ongoing
Local Roads and Bridges	Pickering, City of	Sidewalk Rehabilitation on Broadgreen St, Bronte, Fairport Rd, Gwendolyn St, Kates Ln, Lynn Heights	Removal and replacement of concrete sidewalk (P-610) for both 130 mm and 170 mm depth (across a width of 1.5 m) including excavation, removal, disposal and boulevard or driveway restoration and granular A. The total length of sidewalks rehabilitated is 674.6 m, with a total area of 1,011.9 sq. m.	\$170,102	\$170,102	Complete
Local Roads and Bridges	Pickering, City of	Asphalt Resurfacing of Multiple Roads	The total length of streets resurfaced is 3.997 km. Work involved removal and replacement of deficient concrete curbs, gutters and sidewalks (including excavation and restoration), cold planing the existing asphalt (50 mm - 150 mm in depth), applying HL-3 top surface (PG58-28; 40 mm depth), HL-8 binder course (PG58-28; 50 mm depth), and HDBC heavy duty binder course (PG 64-28; 70 mm depth), and adjusting existing manholes, catch basins and valve chambers (max 300 mm).	\$1,498,344	\$1,498,343	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Pickering, City of	New Sidewalk Construction on Central Street	New sidewalk installation from Central St west of Canso Drive to Claremont Public School - south side, for a total length of 225 square metres. Project scope includes earth excavation and removal works, road and boulevard works, permanent pavement markings, and landscaping. A new sidewalk will provide a safe and environmentally friendly means of transportation for the community.	\$73,177	\$70,022	Complete
Local Roads and Bridges	Pickering, City of	Resurfacing Multiple Roads	Resurfacing extends the life of the asset. Improved surfaces also reduce greenhouse gas emissions by improving fuel economy. Removed asphalt will be reclaimed/reused. Existing granulars will remain in situ, eliminating the requirement to mine, process, or transport new aggregates. The total length of resurfacing works is 6.46 km (total of 2 lanes). Roads resurfaced are Major Oaks Rd, Liverpool Rd, Oklahoma Dr, Eyer Dr, Breezy Dr, Greenmount St, New St, Naroch Blvd, and Squires Beach Rd.	\$1,471,068	\$2,290	Complete
Local Roads and Bridges	Pickering, City of	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>	\$1,100,000	\$0	Ongoing
Local Roads and Bridges	Plummer Additional, Township of	East Line Culvert and Plummer Road Culvert Replacement	To remove old, crumbling cross road culvert pipes at two locations in the municipality - one at East Line Road and the other at Plummer Road - and replace with two new culverts at each location.	\$56,689	\$6,689	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Plympton-Wyoming, Town of	Concrete Rehabilitation of Bridges on Brush Road (Structure 24) and Fisher Line (Structure 76)	Both Structure 24 (located on Brush Road just north of Fisher Line) and Structure 76 (located on Fisher Line just west of Uttoxeter Road) were identified in the 2018 OSIM Inspection Report as needing significant concrete rehabilitation. Rehabilitation was completed to ensure the continued safety of these structures.	\$133,476	\$133,476	Complete
Local Roads and Bridges	Plympton-Wyoming, Town of	Replacement of Culvert 46 on Hillsboro Road	Culvert 46 on Hillsboro Road at the crossing of the Hicks Drain was identified in the 2018 Ontario Structure Inspection Manual (OSIM) Inspection Report as needing replacement. The existing culvert is in very poor condition and is at the risk for failure. As such, the replacement of the culvert was ranked as a priority in the 2018 OSIM inspection report. The existing culvert is being replaced with a 17 m, 3,890 x 2,690 mm corrugated steel pipe-arch.	\$87,144	\$87,144	Complete
Local Roads and Bridges	Port Colborne, City of	Road Resurfacing of Various Streets	The City resurfaced several roads: Wellington St, Lena Cres, Scholfield Ave, Fielden Ave, Hollow Bay Rd N, Ash St, Neff St, Neff Rd (Sherkston), Humboldt Pkwy, Paul St. Work involved rehabilitating surfaces through milling, pulverizing, and resurfacing with overlays. Base repairs were additionally completed where required.	\$1,145,194	\$665,000	Complete
Local Roads and Bridges	Port Hope, Municipality of	Installation of a Signalized Pedestrian Crossing on Ontario Street	Installation of a new signalized mid-block crossing on Ontario Street between Martha St and Bloomsgrrove Ave to improve pedestrian safety in the area.	\$186,000	\$20,472	Ongoing
Local Roads and Bridges	Port Hope, Municipality of	Installation of a Signalized Pedestrian Crossing on Peter Street	Installation of a new signalized pedestrian mid-block crossing to improve pedestrian safety in the area. The signalized crosswalk is being located on Peter Street in the vicinity of Nelson Street.	\$186,000	\$20,472	Ongoing
Local Roads and Bridges	Port Hope, Municipality of	Design and Construction of the Lakeshore Road and Baulch Road Intersection	The Municipality is reconstructing the intersection at Lakeshore Road and Baulch Road. Work involves a review of the drainage area to properly size culvert crossings and mitigate damage from storm events.	\$575,000	\$3,699	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Port Hope, Municipality of	Walton Street Reconstruction	Reconstruction of Walton Street from Church Street to Mill Street. The scope of work includes full replacement of road, water, sanitary and storm sewer infrastructure. Green infrastructure, including curb line rain gardens and permeable pavers, are intended to be incorporated into the design. The scope of work further includes a review of sidewalks and parking.	\$6,495,000	\$168,664	Ongoing
Local Roads and Bridges	Port Hope, Municipality of	Resurfacing Rural Roads	<p>The condition of the surface treated roads in the rural area have significantly deteriorated over the past 10-20 years due to the lack of funding. This project involves resurfacing approximately 13.4 km of surface treated roads.</p> <p>The main objective is to bring a portion of the Municipality's rural roads back up to standard. Resurfacing roads in poor condition helps reduce costly and time consuming maintenance while providing a safer environment with improved ride quality for end users.</p>	\$435,179	\$350,000	Complete
Local Roads and Bridges	Port Hope, Municipality of	Extension of Pemberton Drive	Construction for the extension of Pemberton Drive between Fox Road and Henderson Street. The new road will be constructed to an urban standard, consistent with the existing Pemberton Drive lying west of Fox Road, including street lighting, storm sewer, sanitary sewer, watermains and an active transportation link on the north side.	\$1,768,000	\$114,621	Complete
Local Roads and Bridges	Powassan, Municipality of	Rehabilitation of Hummel's Bridge	The Hummel Bridge was identified in our bridge assessment report as needing major maintenance or replacement. This bridge goes over the South River and is a main artery in our rural area, bordering on Nipissing Township. Their report also indicated problems. We are very concerned for resident safety regarding emergency services; the route around takes quite a while. We are therefore rehabilitating the bridge in collaboration with the Township of Nipissing.	\$1,000,000	\$25,846	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Powassan, Municipality of	Installation of Railway Crossing Lights and Gates	CN Railway added crossing lights and gates at Loxton Line and Valleyview Drive East with support from the Municipality. The lights and gates are critical to the safety of residents in our community. Both crossings were previously safety hazards. The rail crossing on Valley View Drive is on a curve and a hill. Loxton Line is just off Highway 11 and the rail crossing is at the bottom of a hill. There is a large gravel pit operation at the end of that road and some residential and farm operations.	\$107,828	\$53,914	Ongoing
Local Roads and Bridges	Powassan, Municipality of	Culvert Rehabilitation and Replacement in Trout Creek and Related Roadwork	We needed to replace a culvert under a main roadway in Trout Creek. This was located crosswise at the intersection of McEachern Street and Morrison Street. A small creek runs through this large culvert. We also had to do a reline of the large culvert for the same creek a block away on Main St. W. (Highway 522) which was collapsing; the paving was sagging to the point of damaging vehicles. We had to repave the area plus a few other areas that we had dug up for other work.	\$95,203	\$95,203	Complete
Local Roads and Bridges	Prescott & Russell, United Counties of	South Russell Bridge (06-077) Rehabilitation	The South Russell Bridge is in a state of must repair and by rehabilitating the bridge it will permit a safe passage for vehicles. Completion of this project will extend the useful service life of the bridge by approximately 25 years. The work involves the replacement of guiderails, partial depth removal of the deck, reconstruction of overhangs and wingwalls, deck concrete overlay, new parapet, replacement of abutment bearings, new expansion joints, new curbs and new deck pavement.	\$1,078,976	\$1,067,221	Complete
Local Roads and Bridges	Prescott & Russell, United Counties of	Multiple Locations: Resurfacing Parts of County Roads	Project involves resurfacing of portions of County Roads 3, 5, 8, 9, 10, 11, 14, 15, 17, 20, 24 and 29. This involves the overlaying a lift of hot mix paving. Some locations like the section of County Road 9 and 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 29.8 km of roads are resurfaced.	\$5,341,096	\$4,411,779	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Prescott, Town of	Reconstruction of Dibble Street East	Complete reconstruction of Dibble Street East (roadway, sidewalks, water, wastewater and storm) from Boundary to Edward Street.	\$2,900,000	\$0	Ongoing
Local Roads and Bridges	Prince Edward, County of	Black River & Outlet Bridges Deck Condition Survey & Rehabilitation	This project involves the rehabilitation of an existing three-span, two-lane bridge. Construction includes the removal of existing expansion joints and conversion to semi-integral abutments, removal of 3 existing bridge girders and replacement with three (3) new bridge girders, concrete deck repairs, curb replacement, barriers replacement, waterproofing and hot mix asphalt placement, approach roadway upgrades and the installation of steel beam guide rail.	\$1,587,500	\$1,435,477	Ongoing
Local Roads and Bridges	Prince Edward, County of	Reconstruction of Picton Main St - Bridge St to Spencer St	Project involves redesign and reconstruction of approximately 900 m from Bridge Street to Spencer Street. The scope includes pre-construction investigations such as geotechnical and topographical to support design and construction activities, including the replacement of water, sanitary and storm sewer mains, sidewalk, curb and gutter, granular base, and asphalt surface.	\$125,000	\$73,031	Ongoing
Local Roads and Bridges	Prince Edward, County of	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.	\$2,147,000	\$0	Ongoing
Local Roads and Bridges	Prince, Township of	Walls Road Rehabilitation - Second Line W to Base Line	The Township is rehabilitating Walls Road from Second Line W to Base Line. Work involves removing the existing surface treatment, excavating the road base and removing corduroy currently affecting road performance, reconstructing new road and pavement, and re-grading ditches, replacing driveway culverts where necessary.	\$2,189,260	\$90,949	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Puslinch, Township of	Reconstruction of Watson Road South between County Road 34 and McRae Station Road	Repaving of 6.60 km of Watson Road South between County Road 34 and McRae Station Road as identified in the year 2019 in the Township's Asset Management Plan. Work involved establishing traffic control, pulverizing existing asphalt, grading and compacting the road base, repaving with 60 mm of HL4 asphalt, paving and reconstructing driveways, compacting granular A shoulders, establishing permanent pavement markings and inspecting the result.	\$681,893	\$440,000	Complete
Local Roads and Bridges	Quinte West, City of	Surface Treatment of Several Rural Roads	The project involved pulverizing and surface treating various sections of rural roads in Quinte West (approximately 98.5 lane-km in total). 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.	\$894,937	\$700,000	Complete
Local Roads and Bridges	Quinte West, City of	Queen St Reconstruction - Road	The project involves fully reconstructing Queen St from Dundas St West to Creswell Dr, including new sidewalk, curb, asphalt and conduit for future City Fiber. As part of this project, the replacement of the existing storm sewer, sanitary sewer and watermain were also completed. The main objective of this project is to improve road conditions and water quality.	\$1,051,645	\$1,000,000	Complete
Local Roads and Bridges	Quinte West, City of	Paving & Reconstruction of Ten Local Roads	The project involved the resurfacing of 10 roads within the City of Quinte West limits (approximately 13.65 lane-km in total). The main objective of the project was to improve poor road conditions and add bicycle lanes on certain roads as outlined in the City's Active Transportation Plan.	\$3,730,313	\$3,500,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Quinte West, City of	Hamilton Road Resurfacing	The project involves full depth pulverizing of the existing asphalt surface (including shoulders), grading of existing road base, ditching improvements, and the supply and placement of granular material and hot mix asphalt paving on the driving surface and shoulders. The completion of this project will expand the City's Active Transportation Network and allow Hamilton Road to be designated as an Emergency Detour Route. 2.8 km of roadway is being improved as part of this project.	\$1,547,446	\$114,671	Complete
Local Roads and Bridges	Ramara, Township of	Reconstruction of Lake Avenue from Ridge Avenue to Beaver Trail	Lake Avenue is the main lake access road for the Lagoon city community. It provides access to several Lake Simcoe cottages as well as several beaches. The road condition is poor as the hardtop is starting to break apart and is degrading at a rapid pace, creating safety concerns. The section of road lying between Ridge Avenue and Beaver Trail is therefore being reconstructed with a double high float emulsion.	\$157,502	\$0	Ongoing
Local Roads and Bridges	Red Rock, Township of	Brompton Rd Reconstruction	Brompton Rd is a street at the northeast end of the Township which is badly deteriorated. Approximately 400 m of road is being rehabilitated to include new water main, storm sewer and sanitary sewer along with new curb and gutter and asphalt replacement. The harsh seasonal weather over several decades combined with heavy rainfall and winter frost depths have compromised the integrity of all the in-ground assets.	\$3,108,875	\$0	Ongoing
Local Roads and Bridges	Renfrew, County of	Rehabilitation of a Bridge Crossing the Snake River on Micksburg Road	The County rehabilitated a bridge crossing the Snake River on Micksburg Road. The bridge was originally constructed in 1982 and was found to be in fair condition during our latest biennial bridge inspections. The bridge provides a critical link between Osceola and Highway 41. Rehabilitation was necessary to avoid future load restrictions (as it is frequented by large commercial truck traffic and agricultural equipment), delay replacement of the bridge, and ensure the safety of the crossing.	\$287,304	\$250,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Renfrew, County of	Rehabilitation of County Road #52 (Burnstown Rd)	The County milled the existing hard surface of 6.24 lane-km of County Road #52 to re-establish crossfall and remove surface defects. Reclaimed asphalt pavement (RAP) from the hard surface was incorporated into the project. The timely resurfacing of the road defers the need to demolish and reconstruct it. Smooth roads improve fuel economy and reduce vehicle emissions. Drainage improvements included replacing cross culverts and ditching to extend the life of the roadway base.	\$823,450	\$536,912	Complete
Local Roads and Bridges	Renfrew, County of	Rehabilitation of County Road #7	The County rehabilitated 8.26 lane-km of County Road #7. The timely resurfacing of these roads defers the need to demolish and reconstruct the roads. Smooth roads improve fuel economy and reduce vehicle emissions. Hardened shoulders were included in this project to allow for alternate modes of transportation. Drainage improvements included replacing cross culverts and ditching to extend the life of the roadway base.	\$1,159,327	\$1,000,000	Complete
Local Roads and Bridges	Renfrew, County of	Replacement of a Bridge Crossing Broomes Creek on County Road 7	The County replaced a bridge crossing Broomes Creek on County Road 7 (Foresters Falls Road). The bridge was originally constructed in 1980 and was found to be in fair to poor condition during our latest annual bridge inspection. The bridge provides a critical link between Beachburg, Foresters Falls and Highway 17. Replacement was necessary to avoid load restrictions (as this bridge is frequented by farming operations and large commercial truck traffic) and ensure the safety of the crossing.	\$300,801	\$280,000	Complete
Local Roads and Bridges	Renfrew, County of	Replacement of a Bridge Crossing Coles Creek on County Road 512 (Queen Street)	The County replaced a bridge crossing Coles Creek on County Road 512 (Queen Street). The bridge was originally constructed in 1960 and was found to be in fair to poor condition during our latest annual bridge inspection. The bridge provides a critical link between Killaloe and the Highway 60. Replacement was necessary in order to avoid load restrictions (as this bridge is frequented by large commercial truck traffic) and ensure the safety of the crossing.	\$2,154,901	\$1,917,910	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Renfrew, County of	Slope Stabilization to Protect a Bridge Crossing the Petawawa River on County Road 51	The County stabilized the slope along the Petawawa River at this bridge on County Road 51 (Petawawa Boulevard). The bridge provides a critical link between Garrison Petawawa and the Town of Petawawa. Bank stabilization was required in order to protect the bridge from undermining and erosion of fast spring currents and ensure the safety of the crossing.	\$636,659	\$575,000	Complete
Local Roads and Bridges	Renfrew, County of	Rehabilitation of a Bridge Crossing the Bonnechere River on County Road 58 (Round Lake Road)	The County rehabilitated a bridge crossing the Bonnechere River on County Road 58 (Round Lake Road). The bridge was originally constructed in 1967 and was found to be in fair condition during our latest biennial bridge inspections. The bridge provides a critical link between Round Lake Centre and the City of Pembroke. Rehabilitation was necessary to avoid future load restrictions (as it is frequented by large commercial truck traffic) and ensure the safety of the crossing.	\$1,642,529	\$1,500,000	Complete
Local Roads and Bridges	Renfrew, County of	Osceola Culvert	Replacement of the culvert. The structure is a corrugated steel arch culvert on concrete footings. We are rehabilitating the concrete footings so they extend upwards to reinforce the lower section of the corrugated steel culvert. This is being completed to extend the service life of the structure.	\$193,520	\$0	Complete
Local Roads and Bridges	Renfrew, Town of	Highway 60/Stewart St. Reconstruction	This project includes the complete reconstruction of Highway 60/Stewart St., including two traffic lanes, curbs, sidewalks, storm sewers, culverts, pedestrian facilities, street lighting, landscaping and one traffic signal.  This project also includes the replacement of municipal water and sewer infrastructure, which underlays the road and is approaching 80 years of age.	\$5,006,200	\$0	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Installation of Illumination on Leslie St from William Bell Parkway to 19th Ave	Regional works to install sidewalk, multi-use pathway and illumination along Leslie Street between Elgin Mills and 19th Ave, in order to improve pedestrian and road safety.	\$514,900	\$348,340	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Richmond Hill, City of	Installation of Illumination on Various Sections of Yonge St	Construct street illumination at various sections along Yonge Street. Three sections being programmed in this project including along Tower Hill Road to Harris Avenue, Benson Road to Levendale Road, and Regatta Avenue to Blackforest Drive. Providing illumination will promote security in urban areas and increase the quality of life by improving safety for drivers, cyclists and pedestrians.	\$373,500	\$33,118	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Bathurst St - Sidewalk Illumination - Shaftsbury to Gamble	Installation of sidewalks and illumination along Bathurst Street between Shaftsbury and Gamble. Project provides a sidewalk facility on Bathurst Street that connects the existing sidewalks north of Gamble with sidewalks south of Shaftsbury Avenue, filling a gap in the sidewalk network. The completed sidewalk and illumination project will encourage safe walking and improve safety for drivers, cyclists, and pedestrians.	\$764,300	\$158,526	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Installation of Pedestrian Crossover at Castle Rock Drive and Mayvern Crescent	Implementation of an east-west pedestrian crossover at the south leg of the northerly intersection of Castle Rock Drive and Mayvern Crescent in order to provide better access between the residential neighborhood and Tannery Park.	\$60,000	\$8,258	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Lake to Lake Intersection Improvements	Installation of traffic control signals, illumination, pavement marking and permanent roadway signing at three intersections along the Leslie Street Lake to Lake route.	\$1,515,800	\$622,059	Complete
Local Roads and Bridges	Richmond Hill, City of	Reconstructing Powell Street and Wright Street	Powell Street and Wright Street from Mill Street to Hall Street are existing rural roads with ditches. The two roads are being reconstructed to urban standards with new asphalt pavement, curbs, gutters and storm sewers. Sidewalk is being reconstructed and extended and road illumination is being upgraded to improve pedestrian connectivity and safety. Existing watermain is being replaced and sections of sanitary sewers are being replaced due to age to prevent asset failure.	\$2,233,300	\$2,151	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Richmond Hill, City of	Road Resurfacing Various Locations	This project replaces the top asphalt surface of deteriorated roads to improve the function of the roadway and extend the life of the asset. The City is paving approximately 35 lane km under this project.	\$4,300,000	\$96,331	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Construction of Lake to Lake Route - Greenhill	The Richmond Hill Lake to Lake Cycling Route is part of a multi-use trail between Lake Ontario and Lake Simcoe. This project involves the construction of three sections on Leslie St spanning approximately 2 km. Sections include Greenhill Ave to Major Mackenzie Dr, 260 m north of 16th Ave to Headford Ave (west side), and Headford Ave to Greenhill Ave (west side).	\$1,861,400	\$1,352	Complete
Local Roads and Bridges	Richmond Hill, City of	Red Maple Road Traffic Improvements	The implementation of an east-west pedestrian signal crossover at the north leg of the northern Red Maple Road/Oneida Crescent intersection to provide safe access between the residential neighbourhood on Oneida Crescent and the schools, community centre and park facilities on the east side of Red Maple Road.	\$130,000	\$7,266	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Lake Wilcox Pedestrian Crossing Improvements	The Lake Wilcox Park Youth Area has experienced increased usage. The City is therefore implementing new pavement marking, signage, flashing beacons and crossing improvements to enhance pedestrian and cyclist safety.	\$50,000	\$9,157	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of a Multi-Use Trail (Lake to Lake Phase 3)	Work is to construct an asphalt multi-use trail from Major Mackenzie Drive to Elgin Mills Road as part of the Lake to Lake Route.	\$1,434,100	\$278,568	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of New Streetlights in Various Locations	Construction of new streetlights at various locations to improve pedestrian safety.	\$406,100	\$25,789	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Construction of Sidewalks Across the City	Construction of sidewalks to improves pedestrian connectivity and opportunities for active transportation. Approximately 190 m of sidewalks are being constructed in various locations.	\$336,100	\$113,890	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Richmond Hill, City of	Installation of Illumination on Bathurst Street - Elgin Mills Road West to Shaftsbury	This project is installation of street lighting and pedestrian lighting along Bathurst Street between Elgin Mills Road to Shaftsbury Avenue.	\$462,500	\$0	Complete
Local Roads and Bridges	Richmond Hill, City of	Church Street - Area Drainage Assessment and Upgrades to Storm and Road Infrastructure	Undertake drainage assessment and rectify localized residential flooding on Church Street between Centre Street and Major Mackenzie Drive (approximately 540 m of road).	\$342,800	\$22,708	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Reconstructing Montiel Road & Tampico Road from Laverock to Driscoll	Montiel Road and Tampico Road are existing rural roads with ditches and narrow shoulders. The two roads are being reconstructed to urban standards with asphalt pavement, curbs, gutters and storm sewers as a Local Improvement in 2019. In addition to the road improvements, the existing cast iron watermain is being replaced due to age and condition.	\$1,191,870	\$25,841	Complete
Local Roads and Bridges	Richmond Hill, City of	Bethesda Sideroad Reconstruction	Reconstruction of Bethesda Sideroad - Hwy 404 to Anchusa Dr. The scope is to rehabilitate the granular base, convert the existing road surface from gravel to asphalt and improve ditching and drainage work. This will reduce high annual operating and maintenance costs associated with damages due to heavy duty truck traffic. This will also allow better access to businesses in this stretch which rely on access for the delivery of equipment and materials.	\$2,209,700	\$69,661	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Resurfacing Multiple Roads	This project replaces the top asphalt surface of deteriorated roads to improve the function of the roadway and extend the life of the asset. The City is paving approximately 35 lane km under this project.	\$3,346,500	\$48,703	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of Pedestrian Sidewalks and Lighting	Installation of street lighting and walkway lighting in various locations within the City of Richmond Hill to improve road and pedestrian safety.	\$399,100	\$5,585	Ongoing
Local Roads and Bridges	Richmond Hill, City of	Construction of Trails & Installation of LED lights	Construction of new trails and installation of LED lights on existing sidewalks and trails at eight locations across the Town.	\$597,300	\$1,497	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Richmond Hill, City of	Construction of Sidewalk and Multi-Use Pathway 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 360 m of sidewalk and 240 m of multi-use path along Leslie Street from Elgin Mills Road to William F. Bell Parkway.	\$951,200	\$0	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of Leslie Street Sidewalk and Multi-Use Trail	The Leslie Street Multi-Use Trail project involves the construction of 2.25 km of asphalt multi-use trail from Highway 7 to 260 m north of 16th Avenue (Beaver Greenway Trail).	\$1,403,500	\$4,119	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of Elgin East Trails	The Elgin East Trail involves the construction of 4.4 km of asphalt multi-use trail north east of Yonge Street and Elgin Mill Road East.	\$1,714,226	\$257	Complete
Local Roads and Bridges	Richmond Hill, City of	Construction of Sidewalks & Trails	This project implements the recommendations of Richmond Hill's Pedestrian & Cycling Masterplan to construct safe routes for cyclists and pedestrians and to develop connections for people to access local amenities by means other than car.	\$969,823	\$22,825	Complete
Local Roads and Bridges	Rideau Lakes, Township of	Harlem Road - Hard Top Surfacing	Harlem Rd is a primary road within Rideau Lakes. It hosts many rural homes, agricultural operations and a local aggregate quarry. It is also a primary connecting link between the Village of Portland, Highway 15 and County Rd 8. A proper road base was constructed for the entire length of the road as well as related ditching and drainage in 2019. A new hard top was applied in 2020 to provide the quality of ride residents expect and increase asset life supporting fiscal sustainability.	\$503,831	\$313,252	Ongoing
Local Roads and Bridges	Russell, Township of	Route 300 Culvert replacement	Route 300 culvert (RC-006) was identified in our Ontario Structure Inspection Manual to be replaced in 2020. The initial installation dated from 1995. The culvert was fully replaced and the road reinstated.	\$348,302	\$69,652	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Russell, Township of	Paving of Route 200	Route 200 from St-Guillaume Road to St-Thomas Road in Embrun and from St-Guillaume road to St-Thomas Road is being rehabilitated as outlined in our 2019 Asset Management Plan for Roads. The segment is being resurfaced and road base improvements are being performed. We are also improving drainage on the segment by performing ditch cleaning. For this segment 4,300 m (or 30,100 sq m) of road are being resurfaced.	\$526,131	\$394,598	Complete
Local Roads and Bridges	Russell, Township of	Paving Groves Road	Groves Road from Route 400 to Route 500 in Russell is being rehabilitated as outlined in our 2019 Asset Management Plan for Roads. The segment is being resurfaced and road base improvements are being performed. We are also improving drainage on the segment by performing ditch cleaning. For this segment, 3,200 m (or 22,400 sq m), of road are being resurfaced.	\$258,856	\$16,483	Complete
Local Roads and Bridges	Russell, Township of	Paving of Route 500	Route 500 from Leclerc Road to Grégoire Street in Marionville is being rehabilitated as outlined in our 2019 Asset Management Plan for Roads. The segment is being resurfaced and we are performing road base improvements. We are also improving drainage on the segment by performing ditch cleaning. For this segment, 1,400 m (or 9,800 sq m) of road are being resurfaced.	\$133,357	\$20,422	Complete
Local Roads and Bridges	Ryerson, Township of	Lakeview Drive West Resurfacing	This project is to resurface approximately 1.3 km of Lakeview Drive West. This road is reasonably heavily trafficked and leads to two of the Township's busiest summer camps, and the project is necessary to extend the life of the road.	\$9,022	\$8,640	Complete
Local Roads and Bridges	Ryerson, Township of	Royston Road Resurfacing	The purpose of this project is to resurface approximately 1.7 km of Royston Road using a crushed granite application. This road is heavily trafficked by cottagers and year-round residents, and the resurfacing is necessary to extend the life of the road.	\$30,947	\$30,947	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Sarnia, City of	Reconstruction of Bridge No 70 on Jackson Road	The existing structure of Jackson Road Bridge has entered into a window of opportunity for rehabilitation. Therefore, to extend the service life and avoid high deferral costs, the rehabilitation project has been recommended through the latest OSIM bridge inspection.	\$1,100,000	\$5,584	Ongoing
Local Roads and Bridges	Sarnia, City of	Rehabilitation of Bridge No 40 on Michigan Ave	The existing structure of Michigan Avenue Bridge has entered into a window of opportunity for rehabilitation. Therefore, to extend the service life and avoid high deferral costs, the rehabilitation project has been recommended through the latest OSIM bridge inspection.	\$1,100,000	\$2,592	Ongoing
Local Roads and Bridges	Sarnia, City of	Reconstruction/Rehabilitation of the Vidal Street Walkway	The Vidal Street Walkway is a three-span concrete bridge structure located over the Canadian National Railway mainline and currently serves as a utility corridor. These utilities serve as the main transmission lines (gas, telecommunications, and water) to the industrial area at the south end of the City. Reconstruction/rehabilitation of the existing bridge structure is required in order to ensure that these key services to industries are maintained.	\$900,000	\$90,522	Ongoing
Local Roads and Bridges	Sarnia, City of	Replacement of Bridge No 270 on Waterworks Road	The existing structure of Waterworks Road Bridge has reached the expiration of its useful life cycle. Therefore, due to safety and construct-ability (shorter construction duration) reasons, the Waterworks Road Bridge is being replaced. In addition to replacing the existing bridge structure with a new precast concrete box culvert, this project will afford greater roadside safety for traffic.	\$389,436	\$389,436	Complete
Local Roads and Bridges	Saugeen Shores, Town of	Repaving of Peel Street	Re-paving of Peel Street from Carlisle Street to 445 Peel Street. The existing asphalt surface had completely failed.	\$121,264	\$23,048	Complete
Local Roads and Bridges	Saugeen Shores, Town of	Rehabilitation of Railway St. Culvert	Extension of the Railway Street Box Culvert just north of McNabb Street in Southampton. The project includes the installation of headwalls and fixes the unsafe slope from the edge of gravel off of Railway Street which is part of the MTO Connecting Link.	\$366,545	\$4,313	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Saugeen Shores, Town of	Wellington Street Sidewalk Replacement	Included the replacement of sidewalk on Wellington Street from Robin Road to Century Drive that was in very poor condition.	\$40,252	\$40,252	Complete
Local Roads and Bridges	Saugeen Shores, Town of	Reconstruction of Elgin Street Sidewalk	Elgin Street sidewalk reconstruction was completed between Highland Street and Spring Street. This included the installation of a new 2.0 m and 1.8 m wide sidewalk, concrete curb, retaining wall and relocation of utilities to provide pedestrian connectivity from Goderich Street to Harbour Street and the Port Elgin Beach.	\$103,850	\$66,685	Complete
Local Roads and Bridges	Saugeen Shores, Town of	Reconstruction of McNabb Street - Peel Street to Railway Street	McNabb Street reconstruction involves the replacement of asphalt, road base and watermain and the installation of new storm sewers, sanitary sewers and sidewalk between Peel Street and Railway Street.	\$750,000	\$84,000	Ongoing
Local Roads and Bridges	Saugeen Shores, Town of	Reconstruction of Chantry View Dr.	Reconstruction of Chantry View Drive involves the replacement of asphalt and road base and the installation of new storm sewers with infiltration gallery and new sidewalks between Huron St. South and Lake St.	\$255,000	\$24,900	Complete
Local Roads and Bridges	Sault Ste. Marie, City of	Connor Road Culvert Rehabilitation	The work generally consists of supplying all equipment, labour and material necessary for the rehabilitation of the undermined culvert footings with a new concrete slab, road surface drainage improvements, embankment stabilization, and guiderail improvements at the culvert location.	\$450,000	\$401,051	Ongoing
Local Roads and Bridges	Sault Ste. Marie, City of	Sixth Avenue Reconstruction	Sixth Avenue had exceeded its useful lifespan and is in need of reconstruction. This was a complete reconstruction including new storm and sanitary sewers, water mains and appurtenances. The roadwork was necessary to ensure sanitary sewer and water service is maintained to private residences as well as to provide a safe road surface.	\$1,607,337	\$1,067,292	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Sault Ste. Marie, City of	Repaving of Various Roads	The work consists of the resurfacing of Grosvenor Avenue from Bruce Street to McDonald Avenue; Grand Boulevard from St. George's Avenue to Northern Avenue; Penno Road from People's Road to St. Patrick Street; Korah Road from Rossmore Road to Moss Road; Cooper Street from Second Line to 200m north. Asphalt surfaces on these road sections had exceeded their useful lifespans and were in need of new asphalt surfaces. This road work was necessary to ensure that safe roads are available to the public.	\$1,716,000	\$1,000,000	Ongoing
Local Roads and Bridges	Sault Ste. Marie, City of	Pim Street Resurfacing - Summit to MacDonald	Resurfacing of an arterial road to improve the road surface and increase safety for motorists.	\$1,410,000	\$0	Complete
Local Roads and Bridges	Sault Ste. Marie, City of	Resurfacing of Bay Street	This is a road resurfacing and narrowing project. The scope of work will include the resurfacing of Bay Street from Andrew Street to Pim Street which totals 1.8km as well as the reduction in width to narrow the existing four lane road to three lanes. The reduction in the number of lanes is to accommodate the construction of a multi use bicycle/pedestrian pathway on the south side of the road.	\$7,477,673	\$2,694,123	Complete
Local Roads and Bridges	Scugog, Township of	Rehabilitation of Cartwright West Quarter Line - Hwy 7A to Church	Work involves pulverizing, ditching, adding granular, grading and hard surface treatment of Cartwright West 1/4 Line from Highway 7A to Church Street. This section of the road is one of the Township's Class 3 roads.	\$295,000	\$41,846	Complete
Local Roads and Bridges	Scugog, Township of	Sidewalk Reconstruction	This project involves reconstructing a path from the east side of Simcoe Street to Blossom Court, constructing a sidewalk/path to the waterfront trail between the Marina and the Library, and replacing sidewalks at various locations around town that were identified during the 2018 sidewalk inspections. There is approximately 410 metres of sidewalk being replaced.	\$127,449	\$100,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Scugog, Township of	Balsam Street Reconstruction - Old Simcoe to Rosa	The scope of work will include the detailed design for the reconstruction/ urbanization of Balsam Street from Old Simcoe Road to Rosa Street. Design is scheduled for 2020 and construction in 2021. The reconstruction will include urbanization of Balsam Street from Old Simcoe Road to Rosa Street.	\$715,000	\$0	Ongoing
Local Roads and Bridges	Scugog, Township of	Sidewalk Reconstruction	The scope of work for this project involves upgrading existing sidewalks to current standards, as well as infilling sections where there currently are missing connections between sidewalks. Work will be concentrated on school zones and sidewalk replacements along Scugog Street. There is approximately 435 metres of sidewalk being replaced.	\$100,000	\$99,543	Complete
Local Roads and Bridges	Scugog, Township of	Rural Rehabilitation of Scugog Line 4	The scope of work will include pulverizing, grading and hard surface treatment of Scugog Line 4 from the intersection with Marsh Hill Road to 800 m east of Marsh Hill Road.	\$205,000	\$151,412	Complete
Local Roads and Bridges	Scugog, Township of	Rehabilitation of Marsh Hill Rd and Byron St	The project involves pulverizing, ditching, adding granular, grading, partial road widening, and hard surface treatment of Marsh Hill Road (from 250 m south of Reach Street to approximately Scugog Line 9) and Byron Street (from Marsh Hill Road to the west end of the Canada Post Box).	\$1,074,051	\$915,769	Complete
Local Roads and Bridges	Scugog, Township of	Rehabilitation of Water Street – Scugog to Queen	The scope of work will include detailed design, engineering, and tender preparation for the rehabilitation of Water Street between Highway 7A (Scugog Street) and Queen Street. Additional works such as surveying, CCTV of storm sewer, and geotechnical investigation are included. The construction will include grinding of the top layer of asphalt, sidewalk and curb repairs, catch basin and manhole resets, and asphalt repaving of the surface of Water Street between Hwy 7A and Queen Street.	\$300,000	\$12,027	Ongoing
Local Roads and Bridges	Scugog, Township of	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.	\$552,000	\$48,454	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Seguin, Township of	Turtle Lake Road Rehabilitation	Improvements will be made to the drainage and road bed, followed by new surface treatment, on the entire 8.92 kilometers of Turtle Lake Road. Asphalt will be used at key intersections.	\$1,050,000	\$401,000	Complete
Local Roads and Bridges	Selwyn, Township of	Road Resurfacing at Various Locations	The Township is resurfacing 41.02 lane km of roadway. These roadway improvements deal primarily with road surface and rideability characteristics. A combination of single and double applications of tar & chip also ensures that the road surface remains in good condition and extends the life of the road bed.	\$548,525	\$339,946	Complete
Local Roads and Bridges	Selwyn, Township of	15th Line Reconstruction from Newcomb Lane to N. School Rd.	This project consists of the reconstruction of a tar and chip rural road, including related ditching, culvert replacement, shoulder repairs, aggregate placement, road bed rebuild, additional grading, aggregate placement, and preparation for tar & chip surface.	\$176,000	\$48,497	Ongoing
Local Roads and Bridges	Selwyn, Township of	Concession St. Micro-Surfacing - Queen St. to County Rd. 33	The Township micro-surfaced the full length of Concession Street (1.11 km or 2.22 lane km). Work involved preparing the road to allow for a contractor to apply the micro-surfacing product. This treatment is expected to increase the useful life of this asphalt road surface, while improving ride characteristics.	\$65,891	\$59,337	Complete
Local Roads and Bridges	Selwyn, Township of	Water Street Design and Reconstruction Project from Concession St. to Bridge St.	Design and full reconstruction of 0.91 km (1.82 lane-km) of Water Street in Lakefield. Work involves full road construction, drainage and storm water improvements, sidewalk and roadside trail and related amenities, and underground water and sewer improvements.  Signage is being installed in the spring of 2021 with construction pricing included.	\$2,000,000	\$27,163	Ongoing
Local Roads and Bridges	Selwyn, Township of	Road Reconstruction in Young's Point - Community Improvement Plan	Reconstruction of 0.53 km (1.06 lane-km) of Nathaway Drive and River Road in the hamlet of Young's Point. Work involves drainage and storm water improvements, road surface upgrades to asphalt, and installation of roadside amenities within the community improvement plan area.	\$1,037,789	\$69,756	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Severn, Township of	Reinbird Street Bridge Replacement	The existing Reinbird St Bridge is a 5.5 m wide, 15 m span bailey truss bridge installed in 1994 over the Coldwater River. Its replacement was recommended in the 2017 Bridge Inspection report. This project includes the removal of the bridge and support structures and the construction of a roadway to provide access as an alternative to the bridge for improved flood measures on the Coldwater river.	\$1,530,000	\$16,639	Ongoing
Local Roads and Bridges	Shelburne, Town of	Reconstruction of Susan, Ann & Muriel Streets	The project encompasses all the elements needed to update the three streets - Ann, Muriel, & Susan, from open ditch to current urban standards. The project includes culverts, sidewalks, water & sewer infrastructure, drainage, rebuilt road base and new asphalt surface with curbs and gutters.	\$2,642,877	\$103,135	Complete
Local Roads and Bridges	Shuniah, Municipality of	West Loon Road Rehab & Pave	This project was to redo the surface of the road. So a rehabilitation and paving was done for 1.1 kilometers or 2.2 lane kilometers.	\$117,408	\$70,730	Complete
Local Roads and Bridges	Simcoe, County of	Expanded Asphalt Recycling - CR 34	The County rehabilitated 6 km of County Road 34. The asphalt is cracked, rutted and deficient. This project resolves the deficiencies.	\$555,359	\$555,359	Complete
Local Roads and Bridges	Simcoe, County of	Cold in Place Recycling on Local Roads	The County rehabilitated 22.4 lane-km of local roads. The asphalt was cracked, rutted and deficient; this project resolved the deficiencies.	\$2,724,266	\$307,052	Complete
Local Roads and Bridges	Simcoe, County of	Rehabilitation of Simcoe County Road 46	Simcoe County Road 46 is being rehabilitated to replace asphalt that is rutted, cracked and deficient. The work includes pulverizing, placing Granular A, applying two lifts of hot mix asphalt, shouldering and reinstating all driveways. Rehabilitation affects 6.1 km of road the road.	\$1,464,969	\$1,464,969	Complete
Local Roads and Bridges	Simcoe, County of	Microsurfacing on Various Roads	The County is microsurfacing the existing surface of six County Roads to increase the life expectancy and increase the friction to improve pavement safety. Work is occurring on 8.9 km of County Road 124, 6.2 km of County Road 16, 3 km of County Road 58, 3 km of County Road 56, 3 km of County Road 26, and 4.1 km of County Road 28.	\$1,425,892	\$1,425,892	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Simcoe, County of	Archie Duckworth Bridge Rehabilitation	The existing structure was constructed in 1973. The overall length of the bridge is 58.09 m and the roadway width is 8.54 m. The rehabilitation involves patching the deck, new ballast walls, expansion joints, sidewalk overlay, new approach slabs, new parapet walls, concrete repairs to the substructure, deck waterproofing, asphalt paving and steel beam guiderail.	\$1,899,400	\$836,442	Ongoing
Local Roads and Bridges	Simcoe, County of	Replacement of County Road 1 Cross Culvert, East of 15 Sideroad	The existing structure is a 19.1 m long, 2,450 mm x 1,800 mm closed bottom concrete box culvert. The structure is located on County Road 1, approx. 1 km east of 15 Sideroad. The existing structure is in poor condition and needs to be replaced. The replacement structure is a 19.52 m long, 2,400 mm x 1,800 mm precast concrete closed bottom box culvert. The construction is being completed in two stages with the use of temporary traffic signals.	\$1,060,000	\$880,000	Ongoing
Local Roads and Bridges	Simcoe, County of	CR 1 Over Bailey Creek Culvert Rehabilitation	The construction is being completed in two stages, with the use of temporary traffic signals. The rehabilitation work consists of a superstructure replacement including new precast concrete girders, concrete deck, conversion to semi-integral abutments, new bearings, deck waterproofing, approach slabs, asphalt paving, line painting and steel beam guide rails.	\$1,764,000	\$1,119,596	Ongoing
Local Roads and Bridges	Simcoe, County of	Lovering Bridge Rehabilitation	The bridge work includes concrete removals, substructure repairs, concrete deck widening, concrete deck overlay, deck waterproofing, new approach slabs, new bridge barrier system, steel beam guide rail installation, asphalt paving and line painting.	\$1,096,750	\$673,211	Ongoing
Local Roads and Bridges	Simcoe, County of	Durnford Bridge Rehabilitation	The bridge work includes concrete removals, substructure repairs, concrete deck widening, concrete deck overlay, deck waterproofing, new approach slabs, new bridge barrier system, steel beam guide rail installation, asphalt paving and line painting.	\$884,700	\$703,155	Ongoing

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Simcoe, County of	Upper Big Chute Bridge Rehabilitation	The bridge rehabilitation is being undertaken by staged construction using temporary traffic signals. The bridge work includes concrete removals, substructure repairs, concrete deck widening, concrete deck overlay, deck waterproofing, new approach slabs, new bridge barrier system, steel beam guide rail installation, asphalt paving and line painting.	\$1,096,750	\$810,605	Ongoing
Local Roads and Bridges	Simcoe, County of	Browns Creek Bridge Rehabilitation	The bridge rehabilitation is being undertaken using staged construction with the use of temporary traffic signals. Work involves superstructure replacement, roadway protection, new girders, deck, waterproofing, conversion to semi-integral abutments, concrete patches to substructure, new approach slabs, box beam railings, new steel beam guiderails, new asphalt roadway, line painting and repair to eroded slopes with rip rap.	\$2,329,500	\$1,106,992	Ongoing
Local Roads and Bridges	Simcoe, County of	McArthur Culvert Rehabilitation	The culvert rehabilitation is being undertaken using staged construction with the use of temporary traffic signals. Work involves reconstructing the upstream and downstream ends of the concrete rigid frame, constructing new concrete headwalls, removing asphalt and excavating backfill to expose the top of the culvert to install waterproofing, backfilling, constructing new concrete curb and gutter, installing new steel beam guiderails, placing new asphalt roadway, and line painting.	\$952,500	\$442,658	Complete
Local Roads and Bridges	Simcoe, County of	Tioga Bridge Rehabilitation	The Tioga bridge was built in 1968. The structure is located on County Road 13, 0.54 km south of Tosorontio Sideroad 17. The bridge is an exposed concrete deck slab on I Girder structure. The scope of work includes a superstructure replacement with new steel I girders, a new concrete deck, waterproofing, new parapet walls, approach slabs, expansion joints, substructure repairs, asphalt paving, line marking, and slope stabilization along watercourse.	\$5,193,200	\$1,684,770	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Simcoe, County of	County Road 50 at 20 Sideroad Slope Stabilization	The existing east embankment slope shows evidence of destabilization and is too steep to maintain overall stability when subjected to storm water runoff, resulting in a series of localized failures. The slope ranges from approximately 1:1 to 2:1. Slope stabilization will include installation of a 2 m high gabion basket wall coupled with applied slope flattening of 2:1, modification of concrete curb and gutter and location of outlet, and reconstruction of the shoulder and rip rap spillway.	\$650,000	\$396,586	Complete
Local Roads and Bridges	Simcoe, County of	Concession 3, Lot 1 Culvert Rehabilitation	The existing culvert is a 53.0 m long, 4800 mm x 2800 mm single span corrugated steel pipe arch under approximately 9.5 metres of fill at the center of the structure. The existing culvert was constructed circa 1970. The culvert is in very poor condition with severe corrosion along the bottom of the barrel and permanent deformation along the interior of the barrel. This project is for the installation of a 3600 mm x 2100 mm steel liner within the existing culvert.	\$3,484,000	\$0	Ongoing
Local Roads and Bridges	Simcoe, County of	Nottawasaga River Bridge Rehabilitation	This project is for the concrete deck replacement and cleaning / recoating of structural steel girders on the bridge crossing the Nottawasaga River. The construction occurs in two stages - Stage 1 in 2018 and Stage 2 in 2019. Traffic is reduced to a single lane with the use of temporary traffic signals during construction.	\$1,540,000	\$0	Complete
Local Roads and Bridges	Simcoe, County of	Reconstruction of County Road 17 from Severn Falls north to the Big Chute	The County of Simcoe is reconstructing County Road 17 from Severn Falls north to the Big Chute (7 km) and rehabilitating Tea Lake Bridge. The reconstruction of County Road 17 provides a road platform width of 11.5 m consisting of a 3.75 m wide lane and a 2 m wide shoulder in each direction.	\$17,600,000	\$291,213	Ongoing
Local Roads and Bridges	Sioux Lookout, Municipality of	Resurfacing the Intersection of Prince Street and Second Avenue	We resurfaced the intersection of Prince Street and Second Avenue. The road here was very deteriorated and needed to be replaced.	\$33,679	\$33,679	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Sioux Lookout, Municipality of	Road Resurfacing at Various Locations	Road sections selected for resurfacing had the following preparation work completed prior to resurfacing: pulverization of the existing road surface and the application of a 150 mm (6") lift of granular 'A' aggregate to provide a proper base prior to the application of the new surfacing. In total, 3,865 m of road sections were scheduled for resurfacing, including work on Sturgeon Road (1,000 m), Drayton Road (1,200 m), and Sun and Sand Road (480 m).	\$589,362	\$270,867	Complete
Local Roads and Bridges	Smiths Falls, Town of	Beckwith Street Road Reconstruction	Beckwith Street currently is in poor condition and infrastructure below the roadway is beyond its life cycle (100 years). The Town is rejuvenating a 300 m portion of this corridor to address the present and future needs with new storm sewers, replaced sanitary sewers, water mains, wider sidewalks, replaced asphalt and placement of bike lanes to follow the complete street model to address residents' needs for a more active lifestyle and to make our street safe for travel	\$8,270,800	\$1,408,508	Complete
Local Roads and Bridges	Smiths Falls, Town of	Lombard St. Rehabilitation & Signalization Upgrades	The Town is rehabilitating approximately 0.3 km of Lombard St. Work involves both design and rehabilitation of the three-lane arterial roadway, including, milling and removal of existing pavements, ironworks adjustments and placement of two new lifts of high performance asphalt. Sidewalks are also being removed and replaced in the construction zone with a 1.8 m wide concrete sidewalk designed for accessibility. Work will upgrade the condition rating of these assets from very poor to very good.	\$910,683	\$1,623	Ongoing
Local Roads and Bridges	Smiths Falls, Town of	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.	\$215,504	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Smiths Falls, Town of	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.	\$447,746	\$0	Complete
Local Roads and Bridges	Smooth Rock Falls, Town of	Cloutierville Road Culvert Replacement	<p>The Project scope is the replacement of the large diameter culvert located on Cloutierville Road.</p> <p>Inspections were performed on June 10, 2020 and September 9, 2020. The process was completed as per the Ontario Good roads Association "Ontario Structural Inspection Manual" (OSIM).</p> <p>Inspections determined that the culvert is in poor condition due to crushing of the culvert barrel and culvert perching on both the upstream and downstream sides. The Town is therefore replacing the culvert.</p>	\$315,712	\$89,795	Complete
Local Roads and Bridges	South Algonquin, Township of	Resurfacing (Hot Mix Paving) Galeairy Lake Road	This project includes resurfacing and drainage improvements for approximately 800 m of Galeairy Lake Road located in the town of Whitney. The improvements will reduce operating costs and reduce hazards due to poor surface conditions for vehicles, cyclists and pedestrians.	\$208,906	\$95,000	Complete
Local Roads and Bridges	South Algonquin, Township of	Resurfacing (Hot Mix Paving) Paradise Road and Park Street	This project includes resurfacing and drainage improvements for approximately 1,200 m of Paradise Road and 200 m of Park Street located in the town of Whitney. The improvements will reduce operating costs and reduce hazards due to poor surface conditions for vehicles, cyclists and pedestrians.	\$323,284	\$95,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	South Bruce Peninsula, Town of	Berford Street Reconstruction	This is the most important project for our community in a decade. Prov. Hwy 6 connecting Southern Ontario to Bruce Peninsula passes through the centre of Wiarton as Berford St. and is the most important road in our municipality. The reconstruction involves 400 m of road base reconstruction, asphalt, concrete sidewalks, streetlighting and traffic signals. Also, 80 year old sewer/storm/water pipes identified by our AMP as top priority with significant consequence of failure will be replaced.	\$12,032,580	\$468,938	Ongoing
Local Roads and Bridges	South Bruce, Municipality of	Culvert Replacement on Concession Rd 10	A culvert on Concession Rd 10 is in poor condition (with a Bridge Condition Index of 15.8). The severe deformations and bolt stress cracking leave the culvert susceptible to sudden failure. The culvert is therefore being replaced.	\$173,368	\$121,446	Complete
Local Roads and Bridges	South Bruce, Municipality of	Resurfacing Sections of Concession Rd 2, Concession Rd 4, and Concession Rd 10	The Municipality resurfaced 8 km of local low class bitumous road. Sections of road resurfaced were on Concession Rd 4 (from Bruce Rd 28 to Concession Rd D), Concession Rd 2 East (from Sideroad 30 N to Grey Rd 10), Concession Rd 4 East (from Sideroad 25 to Sideroad 30 N), Concession Rd 4 (from Sideroad 20 to Sideroad 25 N), and Concession Rd 10 (from Sideroad 25 N to Scott Court).	\$225,460	\$225,460	Complete
Local Roads and Bridges	South Dundas, Municipality of	Resurfacing Zeron Rd, Smail Rd, Dr Miller Dr and a Portion of Broken Second Rd	<p>Smail Rd and Zeron Rd both received a single microsurfacing treatment. These roads are rated as good condition. The single micro surface is intended to maintain that condition status.</p> <p>Dr. Miller Dr and a small portion of Broken Second Rd (between Carman Rd and County Rd 2) received double high float surface treatment with fog seal. These roads were in poor condition and were brought to good condition.</p> <p>Approximately 14.8 lane-km were resurfaced in total.</p>	\$312,397	\$282,565	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	South Dundas, Municipality of	Ontario Street Reconstruction	To reconstruct the road base and surface of Ontario Street and relocate and install an updated sidewalk. The water and wastewater infrastructure is being replaced and the existing storm sewer is being relocated and replaced.	\$1,453,067	\$706,841	Complete
Local Roads and Bridges	South Frontenac, Township of	Sunbury Village Rehabilitation - Battersea Road	Rehabilitation of Sunbury Village with upgrades to 1.18 lane-km of road, the addition of sidewalks, and wider shoulders to support active transportation and safer pedestrian traffic. Sunbury Village (and primarily Battersea Road) is part of the ETR and can see significant traffic volumes at times. Without the ETR, it remains one of our main arterial roads in the Township.	\$2,115,600	\$972,091	Complete
Local Roads and Bridges	South Frontenac, Township of	Installation of New LED Streetlights at Four Critical Intersections	Addition of new LED streetlights within the Township based on priority assessment and critical intersections. This improves visibility and safety at corresponding intersections.	\$60,000	\$8,775	Ongoing
Local Roads and Bridges	South Glengarry, Township of	William Street Rebuild (700 m from CR19 to Peanut Line Bridge)	Reconstruction of the village portion of William Street, including sidewalks, storm water management, and steel beam guard rails.  The road condition had deteriorated to a point that reconstruction was required (road traffic was limited in speed due to road base movement). This road highlighted the importance of having up to date hamlet roads into our AMP because the cost of infrastructure (road base, road surface, storm water management) is much higher versus our typical rural routes.	\$1,200,000	\$887,918	Complete
Local Roads and Bridges	South Huron, Municipality of	Elimville Line Resurfacing	Milling of the existing road surface to restore the road profile and overlay with 50 mm of HL4 Asphalt, including re-gravelling the road shoulders for 0.2 km.	\$195,490	\$164,339	Complete
Local Roads and Bridges	South Huron, Municipality of	Shipka Line Resurfacing	Milling of the existing tar and chip road surface to restore the road profile and overlay with 50 mm of HL4 asphalt, including re-graveling the road shoulders for 4.7 km.	\$407,930	\$305,155	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	South Stormont, Township of	Dafoe Road - Reconstruction	<p>Reconstruction of 4.2 lane-km of Dafoe Road. Work involved pulverizing the existing surface, enhancing the subgrade, replacing entrance culverts, cross culverts, and ditching as required, and applying a single lift of asphalt surface.</p> <p>Average daily traffic counts indicate that approximately 400 cars use the road each day. But this road was found to be deficient in our 2017 Road Needs Study, and geotechnical inspections completed in 2019 indicated the need for some subgrade rehabilitation.</p>	\$196,097	\$192,734	Complete
Local Roads and Bridges	South Stormont, Township of	North Lunenburg Rd West Culvert Replacement	Replacement of an existing corrugated steel pipe with a concrete box culvert. The culvert condition is failing and is at the end of recommended working life; 2017/2019 OSIM Bridge Inspections found severe perforations at the bottom of the culvert throughout most of its length and two transverse cracks suggesting road settlement.	\$242,266	\$242,266	Complete
Local Roads and Bridges	Southgate, Township of	Wilder Lake Road Reconstruction and Paving	Reconstruction of Wilder Lake Road, including tree removal and grubbing, replacement of five road crossing culverts, and entrance culverts. The road had some sections with cut and fill operations and compacted with granular materials. The former gravel road was then ready for 50 mm of asphalt paving applied to the surface for 3.1 km. This road comes off of Varney at Highway 6 east heading towards the Southgate landfill and transfer station and to the nearby Homestead Golf Club.	\$683,721	\$223,305	Complete
Local Roads and Bridges	Southwest Middlesex, Municipality of	River Road Reconstruction	Due to slope failure on this road, we were required to temporarily close and rehabilitate this road.	\$278,686	\$210,000	Complete
Local Roads and Bridges	South-West Oxford, Township of	Rehabilitation of Salford Road (Culloden to Pigram)	The Township is pulverizing and paving Salford Road with additional work along the stretch between Culloden Line and Pigram Road to fix any drainage, culverts, and hills. This work is in line with the 15 year Capital Plan and fits within the asset management plan.	\$735,000	\$232,426	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Southwold, Township of	Gravel Road Improvements - Various Locations	Granular resurfacing of 35 lane-km of low volume, unpaved roads, including Southdel Drive, Clinton Line, Morrow Road, Houghton Road, Oneida Road, Lyle Road, MacDiarmid Line, Bush Line, Mill Road, Middle River Road and Fourth Line. Over the years, the surface gravel has depleted due to vehicular traffic as well as grading, snowplowing and weather activities. Re-gravelling the surface reduces the dust and run off and reduces greenhouse gas emissions due to poor travel conditions.	\$270,000	\$269,157	Complete
Local Roads and Bridges	Springwater, Township of	Installation of an Intersection Pedestrian Signal in Hillsdale	This project is to upgrade the existing Pedestrian Cross Over (PXO) to an Intersection Pedestrian Signal (IPS) to improve pedestrian safety when crossing Highway 93 in the village of Hillsdale. The IPS is being installed at the corner of Highway 93 and Albert St.	\$225,000	\$8,581	Ongoing
Local Roads and Bridges	Springwater, Township of	Resurfacing Grenfel Rd - Sunnidale Rd to County Rd 90	Work involved upgrading Grenfel Rd from a gravel surface to a low-class bitumen (LCB) surface between Sunnidale Rd and County Rd 90. This work provides a hard top surface for the residents that use these roadways. As these are rural roads this will benefit the agricultural community when they transport their goods to the County and MTO roads.	\$77,760	\$77,760	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Flos Rd 6 W - Vigo Rd to Atkinson Rd	Work involved upgrading Flos Rd 6 W from a gravel surface to a low-class bitumen (LCB) surface between Vigo Rd and Atkinson Rd. This work provides a hard top surface for the residents that use these roadways. As these are rural roads this will benefit the agricultural community when they transport their goods to the County and MTO roads.	\$148,208	\$148,208	Complete
Local Roads and Bridges	Springwater, Township of	Resurfacing Flos Rd 10 W - County Rd 27 to County Rd 29	Work involved upgrading Flos Road 10 West from a gravel surface to a low-class bitumen (LCB) surface between County Rd 27 and County Rd 29. This work provides a hard top surface for the residents that use these roadways. As these are rural roads this will benefit the agricultural community when they transport their goods to the County and MTO roads.	\$323,417	\$323,417	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Springwater, Township of	Rehabilitation of Ushers Rd - Flos Rd 8 W to County Rd 92	Work involved resurfacing the existing low-class bitumen (LCB) road surface with a new riding surface on Ushers Rd between Flos Road 8 West and County Rd 92. The surface riding course was in poor condition and in need of a new surface to provide a smooth riding surface and to fill in ruts and holes that have formed over time. This is a rural road that sees local farmers use this route to transport goods.	\$119,245	\$119,245	Complete
Local Roads and Bridges	St. Catharines, City of	Grantham Rail Trail Upgrades	This project will improve a 3.7 km section of the existing Grantham Rail Trail between Roehampton Ave (Lincoln Mall) and Linwell Rd by upgrading the existing trail with crushed gravel/screening. These improvements will provide a higher standard for accessibility and usability and match the section between Linwell Rd and Sunset Beach. These improvements will help to create a north/south Active Transportation route in the east end of the City from Lincoln Mall (Roehampton Ave) to Sunset Beach.	\$400,000	\$31,028	Ongoing
Local Roads and Bridges	St. Catharines, City of	Construction of Multi-Use Path on St David's Rd	Construction of asphalt multi use pathway running adjacent to Sir Isaac Brock Way/St. David's Rd from the east limit of Highway 406 / Highway 58 corridor to the west limit of Highway 406 /Highway 58 corridor. The pathway will be part of an overall future planned connection running from Merrittville Highway to Merritt Street.	\$1,000,000	\$996,084	Complete
Local Roads and Bridges	St. Catharines, City of	Construction of Bicycle Lanes on Third Street Louth	Utility relocations, road widening, and road resurfacing on Third Street Louth to accommodate bicycle lanes from the South Service Road to Third Avenue Louth.	\$4,010,000	\$0	Ongoing
Local Roads and Bridges	St. Catharines, City of	Third Avenue Louth Bridge Improvements	Engineering and construction services to replace the bridge and address deficiencies over Richardson's Creek on Third Avenue Louth.	\$890,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	St. Catharines, City of	Rehabilitation/Reconstruction of Dunkirk, Cushman and Dieppe Roads	The project involves the removal of the grade separation and the existing bridge structure, built in 1963 at Dunkirk Rd / Cushman Rd, due to its poor condition and the bad roadway/intersection configuration. After the removal of the bridge structure, Dunkirk, Cushman and Dieppe Roads (approximately 0.25 km or 250 m of road) are being rehabilitated/reconstructed to improve roadway condition and intersection/roadway safety.	\$1,110,000	\$0	Ongoing
Local Roads and Bridges	St. Catharines, City of	Pelham Road Bridge Design and Rehabilitation	Rehabilitation of the existing three-span bridge structure that was constructed circa 1966, which consists of a concrete slab on precast pre-stressed hollow core girders. The rehabilitation involves patching of the reinforced concrete overlay/deck; waterproofing and paving of the bridge deck; concrete patch repairs to sidewalks, substructure and soffit; replacing expansion joints; and construction of new parapet walls.	\$1,929,966	\$330,930	Ongoing
Local Roads and Bridges	St. Catharines, City of	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	\$2,890,000	\$65,411	Complete
Local Roads and Bridges	St. Catharines, City of	Third St Louth Culvert Replacement	Replace the existing box culvert with identified structural deficiencies on a tributary of Richardson Creek from Third Street Louth to 90 m south of the CN railway.	\$850,000	\$962	Ongoing
Local Roads and Bridges	St. Charles, Municipality of	Culvert Replacement on Musky Island Road	Replace 3 deteriorating culverts on Musky Island Road to improve water runoff and road drainage.	\$4,648	\$4,648	Complete
Local Roads and Bridges	St. Charles, Municipality of	Partial Gravel Resurfacing of Beuparlant Road	Place Granular "A" on 2.3 km of Beuparlant Road (from just off Highway 535 up to the Municipal Landfill) to extend the useful life of the road and improve storm water drainage, reducing the level of erosion.	\$34,207	\$34,207	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	St. Charles, Municipality of	Gravel Resurfacing of Northern Central Road	Place Granular "A" on 6.6 km of Northern Central Road to extend the useful life of the road and improve storm water drainage, reducing the level of erosion.	\$58,909	\$58,909	Complete
Local Roads and Bridges	St. Clair, Township of	Urban Asphalt Resurfacing in Port Lambton	We are urban asphalt resurfacing several streets in Port Lambton: John St, Stoddard St, William St, Moore St and Salisbury St. This project includes curb and gutter and milling and resurfacing the urban roads. This five-year capital spending plan is consistent with our asset management plans. Roads are being resurfaced in terms of pavement age, distress and lifecycle cost. We are extending the useful life of the assets.	\$286,999	\$286,999	Complete
Local Roads and Bridges	St. Clair, Township of	Second Street Reconstruction in Courtright	This project includes the reconstruction of Second Street in Courtright with a new granular road base, curb and gutter, storm improvement and hot mix asphalt. This project is consistent with and included in the Township's asset management plan and is critical to extend the life of the asset.	\$224,600	\$224,600	Complete
Local Roads and Bridges	St. Clair, Township of	Reconstruction of Bentick Street (Manitou to Cameron)	The reconstruction of Bentinck street is a high priority in our asset management plan. The project includes the placement of new granular, curb replacement and hot mix asphalt.	\$277,630	\$277,630	Complete
Local Roads and Bridges	St. Joseph, Township of	Surface Treatment of Boyles Side Road from B Line to A Line	Surface treatment was applied to Boyles Side Road from the B line to the A Line to provide a safe, serviceable road surface. This work will prevent the road from deteriorating to the point that more extensive and costly reconstruction would be required.	\$50,000	\$46,393	Complete
Local Roads and Bridges	St. Joseph, Township of	Resurfacing D Line from 5th Side Road to A Line	A 2 km section of the D Line (extending from the 5th Side Road to the A Line) was pulverized and double surface treatment was applied. This provides a safe, serviceable road surface and extends the life of the road.	\$121,976	\$105,759	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	St. Marys, Town of	Church Street Bridge Rehabilitation	Work includes patching concrete deck and reconstructing masonry parapet walls. Deteriorated metal handrail is also being replaced and mounted to the side of the bridge to allow for a wider walkway, which would allow more efficient use of sidewalk winter maintenance equipment. Streetlights on parapet walls are also being replaced with energy-efficient LED fixtures.	\$236,171	\$236,171	Complete
Local Roads and Bridges	St. Thomas, City of	Road Reconstruction and Underground Infrastructure Replacement on Barnes, Centre, White, and Stanley	This project includes high priority road, water and sewer combined reconstruction projects in St. Thomas supported by the City's asset management plan.  Barnes Street Area - Barnes/Lydia and Jonas Streets (watermain, sanitary, storm and road) Stanley Street - William to Centre (Watermain, sanitary, storm and road) Centre Street - Princess to Elgin (Watermain, sanitary, storm, road and Trans Canada multi-use path) White Street - Centre to Mitchell (Watermain, sanitary, storm and road)	\$10,500,000	\$2,178,886	Ongoing
Local Roads and Bridges	St. Thomas, City of	Reconstruction of Ross St, Myrtle St, Southwick St and Hughes St	This project includes the reconstruction of road (including new sidewalk installation), watermain, and sewers on Ross Street (from Amelia to Wellington), Myrtle Street (from Ross to Third), Southwick (from Wellington to Rosebery) and Hughes (from Kains to Barwick). Work on Ross Street also included installation of new street furniture.	\$7,210,157	\$127,684	Complete
Local Roads and Bridges	St. Thomas, City of	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.	\$5,286,250	\$0	Complete
Local Roads and Bridges	Stirling-Rawdon, Township of	Resurfacing & Rehabilitation of Various Roads	Resurfaced a portion of Tuftsville Road from our Boundary to just past Baptize Church Road. Resurfaced our portion of our Old Marmora Road and Rehabilitated South Nancy Street.	\$422,710	\$385,894	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Stone Mills, Township of	Surface Treatment of Embury Road, Centreville Road, and Adair Road	This project involved the rehabilitation and surface treatment of sections of Embury Road, Centreville Road and Adair Road (approximately 7.4 lane-km in total). The project will allow for a smoother ride and will help to reduce greenhouse emissions and maintenance costs.	\$173,170	\$125,604	Complete
Local Roads and Bridges	Stone Mills, Township of	Brock and Durham Street Reconstruction Part B	The full length of Brock St and Durham St (roughly 0.55 lane-km) were reconstructed to update storm sewers and catch basins located under and on the two roads.	\$164,188	\$164,188	Complete
Local Roads and Bridges	Stone Mills, Township of	Road Rehabilitation & Drainage improvements - Dewey Rd	Rehabilitation of Dewey Road with drainage improvements to reduce green house gas emissions due to improved vehicle traffic economies.	\$1,899,630	\$108,046	Ongoing
Local Roads and Bridges	Stormont, Dundas & Glengarry, United Counties of	Reconstruction and Resurfacing of SDG 24 - Part 2	This section of SDG 24 extends across 3,000 m of road. Project scope included a combination of operations such as cold in place recycling with expanded asphalt to a 100 mm depth, a 50 mm lift of hot mix resurfacing, pre-shouldering, and shouldering. Cold in place stabilizes the existing base providing a solid foundation for the surface. It utilizes one hundred percent of the existing asphalt material limiting material waste. This will improve surface friction and drainage for safe travel.	\$399,076	\$29,174	Complete
Local Roads and Bridges	Stormont, Dundas & Glengarry, United Counties of	Reconstruction and Resurfacing of County Rd 24	SDG 24 road reconstruction and resurfacing is over approximately 11,815 m, including a combination of cold in place recycling with expanded asphalt to a 100 m depth, a 50 mm lift of hot mix resurfacing, pre-shouldering, and shouldering. The cold in place operation was selected to stabilize existing base providing a solid foundation for the surface and limiting waste. The new surface will provide a sealed platform preventing water infiltration into road base and premature surface failure.	\$1,953,390	\$1,953,390	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Stratford, City of	Improvement of Sidewalks Across the City	Sidewalk improvements include replacing existing sidewalk sections throughout the City that are deteriorated and a barrier to pedestrians, providing accessibility improvements at intersections, constructing missing sidewalk linkages on Erie Street, upgrading traffic signalized intersections with sidewalks to AODA standards, and improving street lighting in areas of high pedestrian usage to increase safety. Approximately 100 m of sidewalk were installed and 50 m of sidewalk were replaced.	\$477,000	\$392,530	Complete
Local Roads and Bridges	Stratford, City of	Redford Crescent Reconstruction	Approximateley 700 m of Redford Crescent is being reconstructed. The existing pavement has an average PCI of 28, the existing watermain has 14 historic breaks and the sanitary sewer is aged with intermittent sags. New watermain, sanitary sewer and some storm sewer are being installed, along with the road reconstruction. The street will have a new continuous sidewalk with a consistent width of 7.6 m.	\$3,050,000	\$1,586,073	Ongoing
Local Roads and Bridges	Stratford, City of	Asphalt Resurfacing of O'Loane Avenue	Approximately 1800 m of O'Loane Avenue (from Galt Road to Perth Line 36) are being resurfaced and ditching on both sides is being improved or created to provide drainage for the road base. The current road has an average PCI of 20, with little to no drainage for the road or adjacent properties. A multi-use trail is additionally being extended approximately 200 m (from Smith Street to Oakdale Avenue).	\$1,290,000	\$768,219	Complete
Local Roads and Bridges	Stratford, City of	Resurfacing O'Loane Ave, Wright Blvd and Lorne Ave	Work involves resurfacing the south portion of O'Loane Avenue (including reconstruction of roadside ditches), and a portion of Wright Boulevard and Lorne Avenue (1,492 m of road in total).	\$1,360,000	\$0	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Strathroy-Caradoc, Municipality of	Application of Tar and Chip to Multiple Roads	Several tar and chip roads in the rural area of the municipality were pulverized and repaved (approximately 24.6 lane-km). The roads were selected from our road needs study and asset management plan. The work involves pulverizing, using a grader to achieve a 2% cross fall before paving (to give the road good drainage, which helps with longevity), and repaving with a coat of tar and the final coating of a stone chip.	\$473,388	\$473,388	Complete
Local Roads and Bridges	Strong, Township of	Road Upgrade - Chip Coat on Gravel	Approximately 11.5 km of Strong Township roads were upgraded from a gravel surface to a double-surfaced top layer (chipcoat layer on surface of the roadway). In Strong's asset management plan, one road was considered a high volume road (High Rock Road) and the other one is now a high volume road (MS Boundary), due to the new Highway 11 that was built a few years back. The surfaces were upgraded due to the traffic volumes; traffic nearly doubles in the summer.	\$555,293	\$87,848	Complete
Local Roads and Bridges	Tay Valley, Township of	Rehabilitation of Ritchie Side Roads (Cty Rd 36 to Township Line)	Rehabilitation including culvert replacements, ditching, pulverizing existing roadway, gravel application, double surface treatment and fog seal. The pavement condition index was at 35 or very poor condition prior to this rehabilitation.	\$88,816	\$43,600	Complete
Local Roads and Bridges	Tay Valley, Township of	Rehabilitation of Stanleyville Road (Stanley Rd to Powers Rd)	Micro-surfacing as a pavement preservation method. The pavement condition index was 72 and this application should extend the road life by 8 to 10 years.	\$75,153	\$24,784	Complete
Local Roads and Bridges	Tay Valley, Township of	Rehabilitation of Iron Mine Road (Cty Rd 12 to Township Line)	Rehabilitation including culvert replacements, ditching, pulverizing existing roadway, gravel application, double surface treatment and fog seal. The pavement condition index was 30 or very poor prior to this rehabilitation.	\$172,704	\$65,744	Complete
Local Roads and Bridges	Tay Valley, Township of	Rehabilitation of Crozier Road (Ritchie Side Rd to Bygrove Ln)	Rehabilitation including culvert replacements, ditching, pulverizing the existing roadway, gravel application, double surface treatment, and fog sealing. The pavement condition index was at 35 or very poor condition prior to this rehabilitation.	\$136,895	\$54,672	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Tay, Township of	Resurfacing of Section of Gratrix Rd.	The objective of this project is to resurface a 3,500m section of Gratrix Rd. beginning at Vasey Rd. and continuing North on Gratrix Rd. to Fessterton Sideroad. The scope of the project involves full depth reclamation of the existing surface, fine grading and compaction, placement of HL4 asphalt (65mm depth x 6.5 meters wide), asphalt gutters, and granular A type 1 shoulder on both sides of the road.	\$369,203	\$305,165	Complete
Local Roads and Bridges	Tecumseh, Town of	Manning Road Reconstruction - Phase 3	Phase 3 relates to the road reconstruction component of the project from Riverside Dr to St Gregory's road including improvements to an urban cross-section that accommodates pedestrians, cyclists and urban design features to create an aesthetically pleasing gateway into Lakewood Park. The project also includes a new parking lot at Lakewood Park, flood control berms in the park, road improvements on Little River Blvd and the development of existing tree protection measures.	\$7,226,000	\$0	Ongoing
Local Roads and Bridges	Tehkummah, Township of	Rehabilitation of 20th Sideroad & Michael's Bay Road	This project involves rehabilitating 6th Concession East 20th Sideroad (from Government Road to the 2nd Conc.) and Michael's Bay Road (from Government Road to Pennie Ave). Crushed gravel was applied to build up the road base to improve the condition of the road.	\$42,352	\$31,182	Complete
Local Roads and Bridges	Temiskaming Shores, City of	Resurfacing Local Roads	Approximately 23,894.66 sq. m of local roads were pulverized and resurfaced with hot mix asphalt. An additional 27,540 sq. m received an application of granular A and double surface treatment. Single surface treatment was applied to an additional 28,350 sq. m.  Road resurfacing is a major concern within the City and it is to the benefit of the community to have local roads resurfaced to ensure that the condition of the roads remain within reasonable standards.	\$1,042,996	\$1,042,996	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Temiskaming Shores, City of	Golf Course Road Bridge Rehabilitation	Rehabilitation of structure including abutments and deck surface. In response to the findings of the bi-annual bridge inspection conducted on the Golf Course Road bridge, rehabilitation of the structure was required to ensure continued safety of the public. The work addressed issues the the approaches, the bridge deck, barrier walls and abutments.	\$864,094	\$105,474	Complete
Local Roads and Bridges	Terrace Bay, Township of	Resurfacing Various Sections of Local Roads	The Township repaved various sections of local roads where the existing pavement was in very poor condition (approximately 406 sq. m in total). Work improved traffic flow and pedestrian safety along these roadways.	\$43,000	\$42,910	Complete
Local Roads and Bridges	Terrace Bay, Township of	Culvert Replacement on Beach Road	Project involved the replacement of a partially collapsed culvert as well as roadbed rehabilitation and asphalt replacement.	\$30,470	\$30,470	Complete
Local Roads and Bridges	Terrace Bay, Township of	Rehabilitation of the Intersection at Beach Road and Kenogami Road	Rehabilitation of the intersection to allow for increased traffic flow, improve pedestrian safety, and improve drainage in the area.	\$222,816	\$222,816	Complete
Local Roads and Bridges	Terrace Bay, Township of	Rehabilitation of a Retaining Wall Adjacent to Kenogami Rd.	Rehabilitated 50 m of lock stone retaining wall adjacent to Kenogami Road. The old wall was significantly damaged and crumbling. Left unchecked, significant erosion and drainage issues would have affected traffic flow and pedestrian safety.	\$75,000	\$73,776	Complete
Local Roads and Bridges	Thames Centre, Municipality of	Replacement of the Humphrey Drain Culvert on Cobble Hills Road	The existing pipe arch culvert is being replaced with a new cast-in-place concrete box culvert. Replacement of this structure was recommended in the 2018 Bi-annual Bridge & Culvert Assessment Study. The new structure will allow the 25 tonne restriction to be removed.	\$320,352	\$10,176	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Thames Centre, Municipality of	Improvements to Avon Bridge #1 and Heritage Road Bridge #12	<p>Rehabilitation of Avon Road Bridge #1 (including walls, guiderails end treatment, attenuators and abutments) and installation of guiderail end treatment and attenuators on Heritage Drive Bridge #12.</p> <p>New barrier walls were installed to replace the existing barrier walls that had exposed rebar present on Avon Bridge #1 which were recommended for replacement in the 2018 Bi-annual Bridge &amp; Culvert Assessment Study. New guiderail/end treatments were installed on both bridges to improve safety.</p>	\$195,583	\$97,792	Complete
Local Roads and Bridges	Thames Centre, Municipality of	Improvement of Gladstone Culvert	Improvement to Gladstone Culvert, located between Lewis Road and Putnam Road. This project is being completed in preparation of the hard surfacing of Gladstone Drive given significant water and drainage issues.	\$101,561	\$100,256	Complete
Local Roads and Bridges	Thames Centre, Municipality of	Tar and Chip Resurfacing of Gladstone Drive	Hard surface paving project of an approximate 3.2 km section of Gladstone Drive, between County Road #74 and Dorchester Road. Hard surface treatment includes the addition of gravel and placement of two lifts of tar and chip surface which will provide improved drainage.	\$239,874	\$110,976	Complete
Local Roads and Bridges	Thames Centre, Municipality of	Improvement of Mossley Drive	Gravel improvement project of all gravel sections of Mossley Drive, approximately 8.2 km. The project raises the level of gravel and provides increased drainage on the highest needs portion of Mossley, included in the Asset Management Plan as overdue, high risk and in very poor condition.	\$296,450	\$281,316	Complete
Local Roads and Bridges	Thames Centre, Municipality of	Asphalt Paving of Evelyn Drive	Asphalt paving project requiring the removal of existing asphalt and repaving of four sections of Evelyn Drive of approximately 1.4 km each, from Heritage Drive to Fairview Road, Fairview Road to Nissouri Road, Purplehill Road to Cherryhill Road and Cherryhill Road to Cobblehill Road. New surface treatment for some sections was identified as necessary during the Road Needs study completed in 2015 so the project is overdue.	\$1,035,565	\$492,127	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	The Blue Mountains, Town of	Culvert Replacement on Pretty River Road	Removal and replacement of a 3.0 m wide culvert that was installed in 1960. This culvert was transferred to the Town from Grey County in 2003 with Grey Road 31. There is a 15 tonne load restriction over the existing culvert.	\$467,250	\$406,484	Ongoing
Local Roads and Bridges	The Nation Municipality	Resurfacing St Isidore Rd	St Isidore Rd was resurfaced with hot mix asphalt surfaces for approximately 2.5 km. The new surface will provide a 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.	\$479,070	\$389,016	Complete
Local Roads and Bridges	Thessalon, Town of	River Street Paving	<p>This project is for the rehabilitation of River St from the intersection of Gordon St to the beginning of Main St. Work involved pulverising, grading, and compacting the road.</p> <p>This project creates a smoother and safer surface for motorists, cyclists, and pedestrians - and also corrects drainage issues and increases the life of this asset. The rehabilitation will reduce maintenance costs, reduce damage to vehicles and equipment, and create an even surface for the removal of snow and ice.</p>	\$113,969	\$113,969	Complete
Local Roads and Bridges	Thessalon, Town of	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. Engineers have completed a report/plan with different options to correct/fix/replace these issues.	\$20,000	\$0	Ongoing
Local Roads and Bridges	Thessalon, Town of	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).	\$20,000	\$0	Ongoing
Local Roads and Bridges	Thornloe, Village of	Yonge Street Upgrades	Haul and place stone on Yonge Street from lagoon entrance to ONR tracks for a distance of 200 metres covering east side of road, bottom and back side of ditch.	\$17,541	\$17,541	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Thornloe, Village of	Ditch Clearing	Clean ditch with positive drainage from Lillie Street to ONR tracks for approximately 400 metres and haul away materials to specified location.	\$5,119	\$5,119	Complete
Local Roads and Bridges	Thornloe, Village of	Culvert Replacement	Remove and dispose of old culvert on Brittain Street. Supply and replace with new culvert 40" in diameter by 50' long 2.0mm gauge galvanized steel and add 'A' gravel needed to reinstate road to original state.	\$9,806	\$9,806	Complete
Local Roads and Bridges	Thornloe, Village of	Resurfacing Station Road	To haul and spread 5\8" gravel, 4" thick by 20 feet wide for a distance of 200 m over Station Road.	\$2,679	\$2,679	Complete
Local Roads and Bridges	Thorold, City of	Reconstruction of Front Street	Reconstruction of Front Street from Regent St to Sullivan/Clairmont, including watermain, sanitary sewer, storm sewer, replacement of the road base and sidewalks, and streetscaping (installation of benches and bike racks).	\$1,545,000	\$731,000	Complete
Local Roads and Bridges	Thorold, City of	Reconstruction of Broderick Ave	Reconstruction of Broderick Avenue.	\$257,000	\$130,479	Ongoing
Local Roads and Bridges	Thorold, City of	Construction of a Multiuse Trail on St. David's Rd	The City is constructing a 1.1 km long multiuse trail through the MTO right of way on the south side of St. David's Rd. The trail will contribute to a major link that is required to move pedestrians and cyclists from residential areas east of Hwy 406 to the Brock District. The trail is 4 m wide to allow traffic movement in both directions.	\$1,000,000	\$265,000	Complete
Local Roads and Bridges	Thorold, City of	Rehabilitation of Barron Rd (Allanport Rd to Thorold Townline Rd)	The main objective of this project is to upgrade a low cost bitumen road in poor condition to a high cost bitumen. In order to achieve this goal, the road base was removed and replaced and the City applied 60 mm of HL8 asphalt and 50 mm of HL3 top asphalt.	\$711,000	\$221,762	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Thunder Bay, City of	Reconstruction of James Street and Mount Forest Boulevard	<p>The City is fully reconstructing 600 m of Mount Forest Blvd. Work includes excavation of the road base, placement of new granular materials, repairs to street light ducts, and re-paving the street.</p> <p>Work on James Street involves installation of new storm sewer from the CP Rail subway to Kingston Street (390 m) and repairs to catch basins and associated piping. Upgrades also include re-paving the street throughout.</p> <p>The two efforts are expected to improve local drainage and erosion.</p>	\$1,909,905	\$308,000	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Asphalt Rehabilitation on Dawson, Hazelwood, River, Margaret and Centennial Park Roadway	This project includes the rehabilitation of the pavement surface on several City streets based on Engineering's asset management plan. Work includes removal of the existing asphalt surface and re-paving with new asphalt pavement. The overall length of rehabilitation work is 7.4 centreline km.	\$3,899,619	\$1,113,831	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Reconstruction of Balmoral Street from Hewitson St. to Alloy Dr.	The City is reconstructing Balmoral Street from Alloy Drive to Hewitson Street. Work involves installing storm sewers, replacing asphalt, constructing new multi-use trails on both sides of the street, and reconstructing the Balmoral Street and Harbour Expressway intersection, including installation of double left turn lanes in all quadrants to improve traffic flow at the intersection. Protected left turns will be provided at the signals to improve pedestrian safety.	\$5,333,000	\$3,735,165	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Renewal of McKellar Bridge	Due to the load posting on the bridge and the wood deck, emergency upgrades to 50 m of the deck are required to allow the safe passage of trucks across this structure. This bridge is vital for servicing the regional fuel depot for Thunder Bay.	\$886,470	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Thunder Bay, City of	Reconstruction of Donald Street and Victoria Avenue	This project involves reconstruction of 1.034 km of roadway on Donald Street from Vickers Street to May Street and on Victoria Avenue from Waterloo Street to Edward Street. One pedestrian crossing is also being installed on Victoria Avenue and four traffic signals are being installed at the intersection of Donald Street and Syndicate Avenue.	\$2,075,878	\$0	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Sidewalk Replacement: Brown, Van Horne, Syndicate, Crawford	This project involves replacing a total of 1.6 km of sidewalk on Brown Street (from Walsh to Caroline Street), Van Horne Street (from Court to Cumberland Street), Syndicate Avenue (from North Brodie Street to Southern Avenue), and Crawford Avenue (from Francis to Frederica Street), providing approximately 220 residents with access to replaced sidewalk.	\$335,554	\$0	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Asphalt Surface Rehabilitation: Dawson, Melbourne, West Riverdale Roads and Franklin, James Streets	This project involves a total of 5 centreline kilometres of roadwork on Dawson and West Riverdale Roads, Franklin and James Streets including gravel treatment and culverts on Melbourne Road.	\$3,104,254	\$0	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Reconstruction of Junot Avenue from John Street to Walkover Street	This project involves 3.8 lane km expansion to 4 lanes of Junot Avenue from John Street to Walkover Street, including storm sewer, street lighting, a new pedestrian crossover and 1.65 km of new sidewalk. The project is integrated into watermain replacement funded through water rate revenues and new sanitary sewer.	\$3,025,492	\$136,706	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Road and Water Infrastructure Renewal on Hinton Avenue, Edward and Mary Street	Hinton Avenue, Edward Street and Mary Street are being resurfaced (for a total of 2.6 lane-km. Six streetlights along with sidewalk, curbing and water infrastructure are also being replaced. The project is integrated into 1 km of watermain replacement funded through water rate revenues.	\$1,149,672	\$0	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Renewal of Woodcrest Rd Bridge	Replacement of Woodcrest Bridge (approximately 50 metres in length) with a multiplayer steel culvert along with minor rehabilitation approach work to match in on each end but no significant paving. Design work done in 2016 with replacement in 2022.	\$1,533,153	\$0	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Thunder Bay, City of	Sidewalk Replacement on Frederica Street	This project involves replacing 202 m of sidewalk on Frederica Street from Brown St. to Edward St., providing 17 residents with access to replaced sidewalk.	\$185,576	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Pedestrian Bridge Construction on College Recreation Trail	The purpose of this project is to enhance the college trail system and connect the trail network with a 40m long pedestrian bridge near Confederation College.	\$383,832	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Pavement Rehabilitation and Reconstruction	This project involves asphalt surface rehabilitation on 25th Side Rd, Toms Rd 1, Edward St and Brunswick St and paving on Tungsten St (from Central Ave to Alloy Drive) and McKellar St (from Dease St to Cameron St). The total length of rehabilitated and paved roads is 1.8 km.	\$2,355,875	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Rehabilitation of Main Street Bridge	This project involves rehabilitating the bridge deck, waterproofing and paving along with pin cap, abutment and pier rehabilitation. The surface area of the rehabilitated bridge is 3,033 sq m and the length of the rehabilitated bridge is 310 m.	\$5,408,810	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Renewal of Cycling/Pedestrian Pathways on Top of Boulevard Lake Dam	Due to deterioration of the deck top along Boulevard Lake dam, metal plates had to be designed and installed to span the deteriorated sections in order to allow safe passage of cycling/pedestrian pathways across the top of the dam. Water structure also ensures a lake area which is used extensively for recreation and manages water flows during storm events.	\$97,212	\$0	Ongoing
Local Roads and Bridges	Thunder Bay, City of	Wardrope Ave Road Rehabilitation & Sidewalk Replacement	Renew 2.4 km of two lane roadway on Wardrope Ave from Balsam to Hilldale Road, both base and surface. Work requires the removal of existing asphalt surface, placing new granular material and 2 lifts of asphalt pavement. Also minor ditch cleaning to improve surface water drainage and the replacement of 1.4 km of sidewalk with a multi-use trail.	\$1,250,909	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Thunder Bay, City of	Road Reconstruction: Empire, Frederica, Kelly and Mary Sts.	Replace approximately 1.3 km of roadway surfaces as required by condition rating assessments. Renew related curb and gutter infrastructure to improve storm water flows. Replace signal and streetlights as well as sidewalks where condition ratings indicate that work is required to be done.	\$1,558,504	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Road Reconstruction: Black Bay, Cumberland, Dawson, Fortune, MacDougall	Surface repair and replacement and associated sidewalk, curb and lighting maintenance attached to street segments as required by capital plans. About 7.7 lane-km of streets are being resurfaced with fresh asphalt. This project also involves creating additional curb cuts and auditory alerts at pedestrian crossings to meet AODA requirements.	\$5,649,058	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	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.	\$383,054	\$2,769	Complete
Local Roads and Bridges	Thunder Bay, City of	Rebuild High Street and Cornwall Street	Significant work is required to reduce issues of visibility and roadway stability in the area of High Street and Cornwall Street. Engineering assessment has identified a risk that the upper roadway could collapse if there is a significant storm event. Base and surface replacement are required as is the renewal of a retaining wall which supports Cornwall Street.	\$2,429,917	\$0	Complete
Local Roads and Bridges	Thunder Bay, City of	Renewal of Water Street Overpass	Rehabilitation of the structure for Marina park pedestrian bridge; Water street Overpass. There will be some minor work to the approaches and railing on the prince Arthur side as the ramp work was already completed. Design work done in 2016 with replacement in 2020. The pedestrian bridge is approximately 85 metres in length.	\$2,094,881	\$954,738	Ongoing
Local Roads and Bridges	Thunder Bay, City of	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.	\$255,775	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Tillsonburg, Town of	Rolling Meadows Reconstruction - Phase 1 of 2	Phase 1 involves the complete reconstruction of Falcon Drive and the two sections of Tanager Drive extending from Falcon Drive to Owl Drive. Work consists of the complete reconstruction of the pavement structure - including the installation of new barrier curb and gutter, sidewalks, watermain and sanitary sewer. Work will alleviate ongoing road maintenance issues resulting from a series of watermain breaks and provide an opportunity to upgrade the area to current municipal design standards.	\$1,290,000	\$0	Ongoing
Local Roads and Bridges	Tillsonburg, Town of	Resurfacing Local Roads	Partial depth resurfacing (top layer) or full-depth rehabilitation (top & bottom layers) with curb and gutter rehabilitation was completed on 1.35 lane-km of various streets within Town. Resurfacing and rehabilitation occurred on Queen St, First St, Gibson Dr, Argyle St, and Hampton Ct. Work will extend the life of the roadway in accordance with the Town's Asset Management Plan.	\$396,275	\$396,275	Complete
Local Roads and Bridges	Tillsonburg, Town of	Rouse St Sanitary Installation	The Town is installing new gravity sanitary sewer from the pumping station on Rouse St westerly under Vienna Rd to Young St. Work also involves replacement of the storm sewer culvert at the intersection of Vienna Rd and Rouse St along with full reconstruction of the pavement structure. The new sewer addresses needs discovered during the review of an adjacent site plan application and will provide an outlet for future development in the Rouse St. / Young St. area.	\$190,000	\$80,000	Complete
Local Roads and Bridges	Tiny, Township of	Surface Treatment of Three Roads in the Township	Various surface treatment applications to local roads to improve riding surface and extend lifespan. A double surface treatment was applied to Montcalm Crescent (250 m), a single surface treatment was applied to Concession 4 East (1.9 km), and microsurfacing was completed on Concession 16E (1.8 km).	\$88,584	\$42,905	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Tiny, Township of	Dawson Road Bridge Rehabilitation	Rehabilitation of the Dawson Road Bridge (aka the Centennial Bridge) which was originally constructed in 1967. This involved removal of deteriorated concrete on the bridge deck, installation of a new concrete topping, waterproofing, repaving, drainage improvements, and guiderail end treatment upgrades.	\$321,883	\$45,000	Complete
Local Roads and Bridges	Tiny, Township of	Repaving Nine Roads in the Township	Nine roads were reconstructed and repaved with asphalt to increase their strength and provide safer, longer lasting roads. Work involved pulverizing, adding new gravel and asphalt, and drainage improvements. Work was completed on Baseline Rd South (1.35 m), Concession 5 West (3.3 km), Thunder Beach Rd (1.7 km), Awenda Park Rd (2 km), Couchiching Crescent (400 m), Kettle's Beach Rd (560 m), Military Road (900 m), Dorion Road (2.5 km), and Wilson Road (900 m).	\$1,766,541	\$385,252	Complete
Local Roads and Bridges	Trent Hills, Municipality of	Road Resurfacing at Multiple Locations	This project involves resurfacing 36.17 km of tar and chip roads. Work includes the removing road shoulders, ditching, improving drainage (installing new culverts), applying granular materials, and resealing the tar and chip roads. The goal is to reseal roads every seven to ten years to maintain the hardtop surface.	\$609,561	\$391,337	Complete
Local Roads and Bridges	Trent Lakes, Municipality of	Construction of an Accessible Walkway in Buckhorn	We are building an accessible pedestrian walkway that runs from the Public School in Buckhorn right to a Municipality owned Tourist Building. This will allow the public to walk the entire distance of Buckhorn which will promote fitness and ultimately safety.	\$550,000	\$162,599	Ongoing
Local Roads and Bridges	Trent Lakes, Municipality of	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.	\$1,886,000	\$0	Complete

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Tweed, Municipality of	Marlbank Rd Reconstruction - Asphalt	The Municipality is reconstructing the 5 km stretch of Marlbank Rd between Hwy 37 and Old Hungerford Road. Work involves reconstructing the road with hotmix asphalt to bring condition ratings from fair to good, adding a bike lane to promote active transportation, and improving storm water drainage.	\$1,062,000	\$884,197	Ongoing
Local Roads and Bridges	Tyendinaga, Township of	Surface Treatment of Multiple Roads	This project provides surface treatment to 18 km of roadway throughout the Township.	\$409,295	\$315,000	Complete
Local Roads and Bridges	Uxbridge, Township of	Resurfacing Local Roads	Approximately 8.5 km of roads were resurfaced. Centennial Rd, Wagg Rd, and Cemetery Rd were pulverized and repaved. O Neil Rd, Ashworth Rd, and Concession 4 were resurfaced with gravel. Engineering for the future reconstruction of Cemetery Rd was also completed.	\$544,727	\$394,565	Complete
Local Roads and Bridges	Uxbridge, Township of	Improvements to Lower Brock St	Lower Brock St is a major road located in our downtown business area. The road segment is 180 m and is between Main St and Toronto St S. Sidewalks along the road are being changed and work is underway to improve accessibility, street lighting (by replacing light fixtures with higher wattage fixtures), and security (by installing cameras).	\$350,000	\$0	Ongoing
Local Roads and Bridges	Val Rita-Harty, Township of	Gravel Road Rehabilitation on Harty Pit Road and Bélanger Road	This investment focused on the rural parts of the municipality of Val Rita-Harty. Work included the rehabilitation of 3 km of Harty Pit Road and Bélanger Road to our Harty lagoon. Both roads were in poor condition. This work was done to ensure the proper drainage of water in order to preserve and extend the life expectancy of the road infrastructure. Work involved restoring the crown of the road by applying granular A, and restoring ditches.	\$62,267	\$62,267	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Vaughan, City of	Construction of a Cycling Facility on Clark Avenue West	The City is installing a new cycling facility on Clark Ave W from Yonge St to Jason St. Work involves the construction of a new separated cycling facility and sidewalk on both sides of Clark Avenue West from Yonge Street to the park entrance at Jason Street including (but not limited to) pavement markings, signage, counters, etc. The project is critical to ensure the safety of our community and to promote cycling activities as part of the City's Pedestrian and Cycling Master Plan.	\$5,651,587	\$219,240	Ongoing
Local Roads and Bridges	Vaughan, City of	Rehabilitation of Roadways at Various Locations	For the refresh of roadway to ensure the safety of commuters. Work involves resurfacing/rehabilitation of road surfaces and any necessary restoration. The rehabilitation will provide a new surface which will prolong the life of the roadways. Key locations are identified through streetlight/roadway and mapping/reported under development. Since project inception, 12,600 m of roadway have been constructed and installed.	\$1,333,333	\$356,161	Ongoing
Local Roads and Bridges	Vaughan, City of	Street Light Utility Infrastructure Improvements at Various Locations	Work is required to refresh and replace underground streetlight cables and wires. The City has experienced an increased number of faults in recent years and is expecting further increases due to aging infrastructure and the upcoming switch to LED technology. Work involves consulting services to assess likely problem areas, and the refresh and replacement of infrastructure where appropriate.	\$300,000	\$1,832	Ongoing
Local Roads and Bridges	Vaughan, City of	Traffic Infrastructure Improvements at Three Locations	The City is designing and constructing new pedestrian crossovers at the intersection of Valley Visa Drive and Southdown Road and on York Hill Boulevard near the speed hump south of Gailcrest Circle. The traffic circle at Vaughan Mills Road and Humberview Drive is also being upgraded. The pedestrian crossover at Valley Visa Drive and Southdown Road is critical to ensure that residents can safely cross the intersection.	\$468,798	\$61,727	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Vaughan, City of	Bridge Rehabilitation - Willis Road	The project scope involves determining and implementing an appropriate rehabilitation and/or replacement strategy for the Willis Road bridge. The need for rehabilitation was identified in the City of Vaughan's biennial Municipal Structure Inspection and Reporting study.	\$1,860,005	\$0	Complete
Local Roads and Bridges	Vaughan, City of	Road Rehabilitation and Watermain Replacement on Willis Rd	Work involves road rehabilitation scheduled in conjunction with watermain replacement on Willis Road from Pine Valley Drive to Riverside Drive (600 m). The existing iron watermain requires excessive maintenance and repairs and the City determined that it is more cost-effective to replace it in conjunction with road works.	\$1,339,000	\$19,630	Complete
Local Roads and Bridges	Vaughan, City of	Keffer Marsh Pedestrian Bridge Replacement	Project scope of work involves replacement of the existing pedestrian bridge and associated works as identified in the Bi-Annual Engineering Report.	\$175,000	\$12,437	Complete
Local Roads and Bridges	Vaughan, City of	Park Pathway Rehabilitation and Replacement	Project scope of work involves rehabilitation and replacement of pathways at Woodbridge Highland Park and other sites as identified to improve accessibility and eliminate safety hazards (e.g., the improvement of 370 m of pathway at Ahmadiyya Park).	\$400,000	\$138,451	Complete
Local Roads and Bridges	Vaughan, City of	Enhancement of Guiderails Throughout the City	Guiderail enhancement involves improving overall guiderail infrastructure in accordance with the Ontario Provincial Standard Specification (OPSS) throughout the City of Vaughan. Existing guiderails are based on older existing specifications and drawings. There are currently new design specifications that meet OPSS. The new rehabilitation system is based on the new design requirements and will allow the City to improve infrastructure so we can do more testing of end types.	\$417,090	\$0	Ongoing
Local Roads and Bridges	Vaughan, City of	Replacement and Upgrade of Traffic Signals	Replacement and upgrade of 92 traffic signals across the City as part of the Traffic Signals Control Management System to improve traffic operations, traffic monitoring and control capacities on the City street network	\$801,105	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Vaughan, City of	Road Rehabilitation & Reconstruction	This project involves road rehabilitation in the Crofters Area, Kirby Rd (from Pinevalley Dr to Keele St), Clarke Ave (from Yonge St to Jason St, and including design of pedestrian and cycling facilities), Crediston Rd, Costa Rd, Doughton Rd, Freshway Dr, Killaloe Rd and Peelar Rd. Approximately 10.8 km of road are being rehabilitated.	\$14,135,400	\$3,406,885	Ongoing
Local Roads and Bridges	Vaughan, City of	West Don Valley-Pedestrian Bridge Replacement	Scope of work includes replacement of existing pedestrian bridge and associated landscape works.	\$153,099	\$0	Complete
Local Roads and Bridges	Vaughan, City of	Staircase Rehabilitation/ Replacement between Islington Ave & Dorengate Dr	Condition assessment and construction for replacement of existing outdoor concrete staircase 10m high, 45m long.	\$525,000	\$292,967	Ongoing
Local Roads and Bridges	Vaughan, City of	Construction of a Multi-Use Pathway on McNaughton Road	Design and construction of a new multi-use pathway on the north boulevard of McNaughton Road from Keele Street to Major Mackenzie Drive.	\$253,000	\$0	Ongoing
Local Roads and Bridges	Vaughan, City of	Rehabilitation and Reconstruction of Multiple Roads	Works include resurfacing, rehabilitation, or reconstruction of 2.5 km of road surface, curb, sidewalk, culverts, guide rails, and paved shoulders, along with any necessary restoration.	\$9,183,000	\$1,540,764	Ongoing
Local Roads and Bridges	Vaughan, City of	Traffic Signal Improvements	Upgrade of 13 traffic signals to meet accessibility requirements. The upgrade provides enhanced safety with Accessible Pedestrian Signals and pedestrian countdown equipment.	\$462,000	\$0	Ongoing
Local Roads and Bridges	Vaughan, City of	Design and Construction of Sidewalks on Rivermede Rd and Basaltic Rd	Design and construction of sidewalks on the south side of Rivermede Road (from Keele Street to Rayette Road) and Basaltic Road (from 220 Basaltic Road to Planchet Road). Sidewalk installation supports the completion of a pedestrian link as per the approved 2012 Pedestrian and Bicycle Network Master Plan and Green Directions Vaughan Objective 3.1 (to develop and sustain a network of sidewalks, paths and trails that supports all modes of non-vehicular transportation).	\$256,300	\$37,356	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Vaughan, City of	Replacement of Pedestrian Bridges in Keffer Marsh and King High Park	Replacement of the existing pedestrian bridges in Keffer Marsh and King High Park and associated landscape works.	\$222,130	\$13,773	Ongoing
Local Roads and Bridges	Vaughan, City of	Road Rehabilitation at Various Locations	Works include resurfacing/ rehabilitation/ reconstruction of road surface, curb, sidewalk, culverts, guide rails, paved shoulders and any necessary restoration.	\$8,006,600	\$75,021	Complete
Local Roads and Bridges	Vaughan, City of	Improvements to the Pedestrian & Bicycle Network	Supply and install bicycle route signage/lanes and pathways at various locations.	\$223,410	\$21,195	Ongoing
Local Roads and Bridges	Vaughan, City of	Replacement of the King Vaughan Road Bridge	The project includes an environmental assessment which has recommended a replacement strategy, installation of a temporary bridge over the Humber River on King Road in the interim, and the design and construction of a permanent replacement.	\$831,500	\$0	Ongoing
Local Roads and Bridges	Vaughan, City of	Glen Shields Avenue Bridge Rehabilitation	Rehabilitation of Glen Shields Avenue Bridge. Work includes, but is not limited to; removal and replacement of the existing parapet walls/deck/sidewalk, construction of semi-integral deck extensions, replacement of existing bearings, removal and reconstruction of bridge deck waterproofing, reconstruction of new bearing seats and ballast walls, and repairing deteriorated concrete at abutments.	\$2,259,900	\$0	Complete
Local Roads and Bridges	Vaughan, City of	Rehabilitation of the Humber Ridge Trail Bridge	Determine and implement appropriate rehabilitation strategy for the Humber Bridge Trail Bowstring Arch Bridge.	\$2,272,500	\$682,305	Complete
Local Roads and Bridges	Vaughan, City of	2015 Road Rehabilitation	Road rehabilitation includes site preparation, pavement resurfacing/rehabilitation and all other associated works. The existing iron watermain requires excessive maintenance and repairs. Work is occurring on Andrew Park, Button Road, Marilyn Place, North Humber Drive, Sonoma Heights, Cachet Hill Cr, and Royal Pine Ave.	\$14,016,000	\$182,827	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Vaughan, City of	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.	\$247,250	\$0	Complete
Local Roads and Bridges	Vaughan, City of	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).	\$190,000	\$0	Complete
Local Roads and Bridges	Vaughan, City of	Design & Construction of Clark Ave Bike Lanes	Convert existing salt protection pads to cycle tracks (i.e., raised bike lanes). Project involves design, stakeholder consultation and construction of cycle tracks. Construction includes (but is not limited to) intersection and driveway modifications, new asphalt pathways (where required), lamp post relocation (if necessary), and new pavement markings and signage.	\$327,000	\$1,692	Complete
Local Roads and Bridges	Vaughan, City of	Extension of the Humber River-William Granger Greenway Trail System	Strategic continuation of trail system per the City's Master Plan. Location: Humber River-William Granger Greenway between Pine Grove Road and Langstaff.	\$616,200	\$611	Ongoing
Local Roads and Bridges	Vaughan, City of	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.	\$59,250	\$1,779	Complete
Local Roads and Bridges	Vaughan, City of	Curb and Sidewalk Repair and Replacement	The curb and sidewalk repair & replacement program involves the removal and replacement of damaged sections of curbs and sidewalks, Citywide.	\$16,255,623	\$3,112,352	Complete
Local Roads and Bridges	Wainfleet, Township of	Road Rehabilitation on Gore A, Moore Rd and Youngs Rd	The Township is rehabilitating Moore Road, Youngs Rd and Gore A Rd. Work involves excavation of the existing road and application of a new base.	\$220,642	\$54,745	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Wasaga Beach, Town of	Main Street Bridge Rehabilitation	The scope of rehabilitation work includes (but is not limited to) patching, waterproofing, paving the concrete deck, removing existing expansion joints and conversion to semi-integral abutments, re-facing and widening the sidewalks, replacing the barriers (parapet walls/railings), re-facing the concrete abutments, replacing the existing bearings, sandblasting and painting the structural steel, adding new street and navigation lighting, and relocating the existing watermain from north to south.	\$7,076,400	\$525,088	Ongoing
Local Roads and Bridges	Waterloo, City of	Reconstruction of Larch St. between Balsam St. and Hickory St.	The section of Larch St. between Balsam St. and Hickory St. has exceeded its expected life and is significantly degraded. Reconstruction of this two-lane, 165 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs, sidewalks and buried hydro. A recent study (Northdale Study) has identified this street as a higher priority, and to be designed as a woonerf (living street) type street.	\$2,323,000	\$48,868	Ongoing
Local Roads and Bridges	Waterloo, City of	Reconstruction of Royal St. between Weber St. and Margaret Ave.	The section of Royal St. between Weber St. and Margaret Ave. has exceeded its expected life and is significantly degraded. Reconstruction of this two-lane, 655 m section involves the replacement of water, stormwater and sanitary sewer services, road reconstruction and installation of curbs, sidewalks and buried hydro.	\$4,585,000	\$1,323,000	Ongoing
Local Roads and Bridges	Waterloo, City of	Reconstruction of Roosevelt Ave. between Warrington Dr. and Erb St.	The section of Roosevelt Ave. between Warrington Dr. and Erb St. has exceeded its expected life and is significantly degraded. Reconstruction of this 750 m local collector road, involves the replacement of water, storm sewers and sanitary sewers, services, road reconstruction and installation of curbs and a new sidewalk.	\$4,090,000	\$1,531,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Snyder's Rd. E. from Christian St. to Gingerich Rd	The reconstruction of Snyder's Rd. E. from Christian St. to Gingerich Rd (approximately 2.73 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes the installation of sidewalk and cycling facilities.	\$9,495,000	\$47,036	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Weber St. - Forwell Creek Rd. to 80 m North of Blythwood Dr.	The reconstruction of Weber St. from Forwell Creek Rd. to 80 m north of Blythwood Dr. (approximately 0.74 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes City watermain, storm and sanitary sewer replacements, sidewalk and cycling installation, as well as traffic equipment modernization.	\$4,130,000	\$2,690,444	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Sawmill Rd./Hawksville Rd. - King St. to Waterloo/St Jacobs Tracks	The reconstruction of Sawmill Rd./Hawksville Rd. from King St. to Waterloo/St Jacobs tracks (approximately 0.75 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes Region storm sewer installation, sidewalk installation, and township sanitary sewer repair and watermain replacement.	\$2,600,000	\$1,531,341	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Sawmill Rd. - River St. to Snyders Flats Rd.	The reconstruction of Sawmill Rd. from River St. to Snyders Flats Rd. (approximately 0.67 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes Region storm sewer installation, sidewalk and cycling installation, and traffic equipment modernization.	\$2,210,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Ottawa St. (Nottingham Ave. to King St.) & Weber St. (Sheldon Ave. to Borden Ave)	Reconstruction involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes storm and City sanitary sewer and watermain replacements, cycling facility installation and traffic equipment modernization. Approximately 2.00 km of Ottawa St and Weber St. are being reconstructed.	\$10,860,300	\$3,469,835	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Erb St. - Fischer Hallman Rd. to Gateview Dr.	The reconstruction of Erb St. from Fischer Hallman Rd. to Gateview Dr. (approximately 0.44 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes Region watermain replacements and City valves and hydrant replacement, sidewalk and cycling installation, bus pads and shelters, traffic equipment modernization.	\$2,800,000	\$1,267,344	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Dundas St. - Franklin Blvd. to Hespeler Rd.	The reconstruction of Dundas St. from Franklin Blvd. to Hespeler Rd. (approximately 3.27 km) involves removal of the existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Work also includes replacement of Region/City watermain, new watermain, sanitary and storm sewer installation, sidewalk and cycling installation, left turn lanes, and traffic equipment modernization.	\$18,132,000	\$0	Ongoing
Local Roads and Bridges	Waterloo, Region of	Urban Resurfacing of Sawmill Rd. - Arthur St S. to King St. N.	The urban resurfacing of Sawmill Rd. from Arthur St S. to King St. N. (approximately 0.48 km) involves milling the existing surface asphalt, completing spot repairs, placing new layers of hot mix asphalt, completing drainage works, and making pedestrian and transit improvements. This treatment will improve the pavement surface and driving conditions on this road and will provide a safe and serviceable road that maximizes infrastructure sustainability.	\$617,305	\$505,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Waterloo, Region of	Urban Resurfacing of Erb St. - Erbsville Ct. to Ira Needles Blvd.	The resurfacing of Erb St. from Erbsville Ct. to Ira Needles Blvd. (approximately 0.45 km) involves milling the existing pavement layers, completing spot repairs and placing double lifts of new superpave Hot Mix asphalt. This treatment will improve the surface asphalt and driving conditions on this road section and will provide a safe and serviceable road that maximizes infrastructure sustainability.	\$526,708	\$51,199	Ongoing
Local Roads and Bridges	Waterloo, Region of	Rehabilitation of Weber St (Borden Ave to Queen St)	Project is for the rehabilitation of Weber Street from Borden to Queen Street. Work involves replacement of existing asphalt and granular base with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Sanitary sewer and watermain replacements as well as sidewalk installation are also involved.	\$5,405,000	\$0	Complete
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Swan St and Northumberland St/Stanley St	Rehabilitation of Swan St (from Hilltop Dr to Stanley St) and Northumberland St and Stanley St (from St. Andrews St to the CP Railway). Work involves replacement of existing asphalt and granular base with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability, storm and sanitary sewer replacement, watermain rehabilitation and replacement, sidewalk installation and improvement, bus shelter, left turn lanes and traffic signals.	\$7,647,000	\$3,125,492	Ongoing
Local Roads and Bridges	Waterloo, Region of	Rehabilitation of Ottawa St S (from Fischer-Hallman Rd to 100 m West of Trussler Rd)	Road rehabilitation of Ottawa Street from Fischer Hallman Road to 100 m west of Trussler Road. Work involves removal of existing asphalt and granular base and replacement with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability.	\$6,130,000	\$1,711,029	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Waterloo, Region of	Reconstruction of King St from Bishop St to Dover St.	Existing asphalt and granular base is being replaced with new granular and hot mix asphalt. This provides a safe and serviceable road that maximizes infrastructure sustainability. This involves: storm and sanitary sewer replacement; watermain rehabilitation and replacements; sidewalk installations and improvements; bus shelter; right and left turn lanes; and traffic equipment installations, replacements and modernization. Approximately 1.52 km of roadway are being reconstructed.	\$11,900,000	\$3,821,548	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Highland Rd from Fischer Hallman Rd to Highland Hills Mall Entrance	Removal of existing asphalt and granular base to be replaced with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Includes storm and sanitary sewer replacements, watermain repairs and replacements, sidewalk installation and improvements, bus shelter, right and left turn lanes, and traffic equipment installations, replacements and modernization. Approximately 0.18 km of roadway are being reconstructed.	\$525,000	\$0	Ongoing
Local Roads and Bridges	Waterloo, Region of	Reconstruction of Ottawa St from Pattandon Ave to Imperial Dr	Removal of existing asphalt and granular base to be replaced with new granular and hot mix asphalt to provide a safe and serviceable road that maximizes infrastructure sustainability. Includes storm and sanitary sewer replacements, watermain repairs and replacements, sidewalk installation and improvements, bus shelter, right and left turn lanes, and traffic equipment installations, replacements and modernization. Approximately 0.59 km of roadway are being reconstructed.	\$3,600,000	\$687,000	Ongoing
Local Roads and Bridges	Waterloo, Region of	Resurfacing Sawmill Rd from Mussleman Cres to Arthur St	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 2.73 km of roadway are being resurfaced.	\$1,615,560	\$5,702	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Welland, City of	Sidewalk Missing Links Construction	Sidewalks are important municipal assets that promote active transportation, pedestrian safety and connectivity. New sidewalk installations are prioritized within road allowances where links are missing at bus stops, schools, community facilities and institutions. Using the tools available within the City's GIS system, an assessment of the City's sidewalk network was completed to identify missing link sections. Approximately 1.0 km of missing link sidewalk was installed in this project.	\$250,000	\$25,000	Ongoing
Local Roads and Bridges	Welland, City of	Citywide Sidewalk Replacement	City staff completed a citywide inspection of sidewalks and trails in 2019. Defects were prioritized and scheduled for rehabilitation. Approximately 1.2 km of sidewalk and 22 sidewalk ramps were removed and replaced as part of with project.	\$570,000	\$150,000	Ongoing
Local Roads and Bridges	Welland, City of	Reconstruction of Regional Road 27 (Riverside Drive)	Regional Road 27 (Riverside Drive) is being reconstructed by Niagara Region. Sidewalks on Regional Roads in the City of Welland are owned and maintained by the City of Welland. As part of this project, approximately 1.0 km of sidewalk is being removed and replaced to meet current standards.	\$135,000	\$125,000	Ongoing
Local Roads and Bridges	Welland, City of	Road Reconstruction and Watermain Replacement on and Around McCrae Dr	4.0 lane-km of full depth asphalt replacement including concrete sidewalk and curb rehabilitation along McCrae Drive, Leaside Dr, and Riceholm Place. Work additionally involves approximately 600 m of existing watermain replacement on Rice Road and McCrae Drive. Watermain under Rice Road and McCrae Drive was 70 years old and at risk of failure.	\$4,709,060	\$1,016,457	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Welland, City of	Condition Related Sidewalk Replacements	<p>A city wide inspection of sidewalks and trails completed in 2017 provided information necessary to prepare and prioritize a repair schedule in order to ensure public safety while maximizing asset life.</p> <p>Criteria for replacements included the number of defects per section of sidewalk, the location of the sidewalk in relation to points of interest and missing links in the sidewalk network.</p> <p>Approximately 1.5 km of sidewalk is being installed as part of this project.</p>	\$300,000	\$23,276	Complete
Local Roads and Bridges	Welland, City of	Sidewalk Construction and Replacement in the Welland South Neighbourhood	The primary objective of this project was to ensure continued connectivity for active transportation by replacing lengths of deteriorated concrete sidewalk and where necessary, undertaking spot repairs to extend the life of the asset. Approximately 920 m of sidewalk has been replaced through two phases (Part 1 & Part 2).	\$500,000	\$0	Complete
Local Roads and Bridges	Welland, City of	Resurfacing/Reconstruction of MacInnis St, Gadsby Ave, Melissa Cres, and Greenbriar Ct	Full depth asphalt replacement including concrete sidewalk and curb rehabilitation along MacInnis Street (Simpson Avenue - Morningstar Avenue), Gadsby Avenue (Hilda Street - Melissa Crescent) and the full length of Melissa Crescent. Full depth asphalt replacement including full replacement of concrete sidewalk and curb along full length of Greenbriar Court. Approximately 2.3 lane-km of road are being resurfaced as part of this project.	\$1,793,663	\$0	Complete
Local Roads and Bridges	Welland, City of	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.	\$2,152,799	\$66,076	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Wellesley, Township of	Paving Manser Rd from Deborah Glaister to Perth Line 56	This project will entail 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.	\$455,000	\$127,528	Complete
Local Roads and Bridges	Wellington North, Township of	Bridge & Culvert Rehabilitation	This project is for the rehabilitation and replacement of bridge and culvert structures owned by the Township (and namely structures 2018, 2035, and 2057). The objective of the project is to replace structures at or beyond their useful lives, and prolong the longevity of existing assets to ensure appropriate levels of safety and reliability for Township infrastructure.	\$566,000	\$365,074	Complete
Local Roads and Bridges	Wellington North, Township of	Bridge & Culvert Rehabilitation	Project will see the rehabilitation and replacement of a number of Township owned bridge and culvert structures (namely Structures 2030, 22, and culverts on Concession 9, and Sideroad 9 E). Objective of the project is to replace structures at or beyond useful lives, and prolong longevity of existing assets to ensure appropriate levels of safety and reliability for Township Infrastructure.	\$771,000	\$39,369	Ongoing
Local Roads and Bridges	Wellington, County of	Maitland River Bridge Rehabilitation	The rehabilitation of the Maitland bridge will include: the replacement of concrete curb and barriers. Miscellaneous concrete repairs to the abutment, wingwalls and soffit. Bridge deck waterproofing and paving. The main objective of this investment is to address significant deterioration found in the concrete curb and barriers to ensure the safety of the structure. The main objective of this investment is to restore the condition of the bridge from fair to good.	\$550,000	\$20,158	Ongoing
Local Roads and Bridges	Wellington, County of	Mallet River Bridge Rehabilitation	This project will be a rehabilitation of the existing structure and will include the replacement of curbs and railings, replace parapet walls and waterproofing on the deck. The main objective of this investment is to restore the condition of the bridge from fair to good.	\$600,000	\$30,787	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Wellington, County of	Wellington Road 21 Badley Bridge Replacement	The project includes the design, environmental assessments, removal and replacement of the Badley Bridge in Elora.	\$7,502,354	\$1,000,000	Complete
Local Roads and Bridges	Wellington, County of	Resurfacing Wellington Road 14 (Tucker St to 400 m North of Side Road 9)	The project includes milling and paving 5.1 km of Wellington Road 14 from Tucker St to 400 m north of Side Road 9. This stretch of road is in poor condition and has been experiencing higher than normal maintenance costs.	\$1,913,215	\$860,319	Complete
Local Roads and Bridges	Wellington, County of	Rehabilitation of Culvert on Wellington Road 11	Culvert C110920 on Wellington Road 11 was originally installed in 1950 and is experiencing severe deterioration. The work includes the removal of deteriorated concrete from headwall, portion of deck slab, wing walls, abutment, soffit, temporary removal of guide rail and other miscellaneous removals. The work includes reconstructing new headwalls and portion of the deck slab, patch repair concrete on wing walls, abutment, soffit etc. with steel beam guiderail installation.	\$284,551	\$178,818	Complete
Local Roads and Bridges	Wellington, County of	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.	\$3,957,683	\$49,859	Complete
Local Roads and Bridges	Wellington, County of	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.	\$6,005,008	\$100,194	Complete
Local Roads and Bridges	Wellington, County of	Design and Rehabilitation of Bridge on Wellington Road 16	The rehabilitation of Bridge 06118 on Wellington Road 16 involves design and complete replacement of the structure with a precast box structure. Originally constructed in 1930, the existing structure was listed in fair condition. The replacement restored the condition to good, with an anticipated useful life of 50 years.	\$262,653	\$438	Complete
Local Roads and Bridges	Wellington, County of	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.	\$794,734	\$166,115	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Wellington, County of	Rehabilitation of Multiple Bridges and Culverts	Rehabilitation of Bridge 010023 on Wellington Road 10 in Moorefield; rehabilitation of Wyandot Bridge 010024 spanning the Conestogo Lake; rehabilitation of existing bridge 16038 located on Wellington Road 16 near Belwood; Rehabilitation of Wellington Rd 5 Culvert; Wellington Rd 12 Culverts 12086 & 12087.	\$6,300,000	\$8,725	Ongoing
Local Roads and Bridges	West Grey, Municipality of	McQuarrie Bridge Rehabilitation - Concession 2/3N Lot 43	The project consists of a full structural rehabilitation of the McQuarrie Bridge Structure 46. The main objective of this investment is to ensure continued access to residential properties. There are several homes located between two bridges and in the event of failure of both of these structures then residents would not be able to access their homes.	\$600,000	\$0	Ongoing
Local Roads and Bridges	West Grey, Municipality of	Bridge 17 Deck Rehabilitation - Concession 4/5 Lot 29	The project is involves the rehabilitation of the bridge deck, specifically the removal and replacement of the deck on Bridge Structure 17.	\$304,365	\$304,365	Complete
Local Roads and Bridges	West Lincoln, Township of	Wade Road Reconstruction	Reconstruction of Wade Road from Highway 20 to the south limit. This is an urban road and work will be done in conjunction with replacement of water mains (not part of this funding). Work includes improvement to the road base as required and the construction of a new hot mix asphalt surface.	\$300,000	\$0	Ongoing
Local Roads and Bridges	West Lincoln, Township of	Rehabilitation of Sixteen Road, Concession 2 Road and Concession 7 Road	The Township is rehabilitating Sixteen Road (between Hodgkins Road and Silverdale Road), Concession 2 Road (between Caistor Gainsborough Townline Road and Church Road), and Concession 7 Road (between South Grimsby Road 10 and South Grimsby Road 12). This work will include the application of reclaimed asphalt pavement and base and shoulder repairs to bring these assets to a better condition.	\$1,080,000	\$426,385	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	West Lincoln, Township of	Dockstader Bridge Rehabilitation	This project involves the repair of the concrete deck, conversion to semi-integral abutment, abutment bearing replacements, replacement of barrier walls, addition of an approach slab, guiderail installation, roadway approach works and erosion control on the embankments.	\$1,040,872	\$388,910	Complete
Local Roads and Bridges	West Lincoln, Township of	RR20 West St Sidewalk Replacement	The existing sidewalk on RR20 West St between house #325 and Wade Rd on the North side and between house #280 and Griffin St on the South side has deteriorated and settled in many places, creating trip hazards. The project involves removing, regrading and replacing the existing sidewalk.	\$206,000	\$54,074	Ongoing
Local Roads and Bridges	West Nipissing, Municipality of	Installation of Rural Street Lighting	Installation of street lights at the corners of Highway 64 and Poirier and Eugene Roads. These intersections have been identified as a safety concern for residents entering and exiting the highway. The addition of lighting enhances local public safety.	\$18,542	\$14,834	Complete
Local Roads and Bridges	West Nipissing, Municipality of	Sidewalk Rehabilitation on Nipissing St and Principale St	Rehabilitation of sidewalks on Nipissing Street from Salter to north of Levis Street and re-instatement of sidewalk on Principale Street from Highway 64 to Ste-Marguerite D'Youville, including drainage improvements. Nipissing Street and Principale Street are local roads with substantial traffic. Both roads feed into elementary schools. The addition/re-instatement of sidewalk enhances safety measures for the community and provides better pedestrian safety on these busy roads.	\$340,000	\$173,979	Ongoing
Local Roads and Bridges	West Nipissing, Municipality of	Rehabilitation of Local Roads	Preparation of granular roads for resurfacing, including brushing, ditching and culvert resets in Crystal Falls, Verner, Lavigne, and Sturgeon Falls. Brushing, ditching, and culvert resets are critical for the long term maintenance of rural roads. These activities restore proper drainage, prepare roads for resurfacing, and extend the lifespan of the roads. Granular resurfacing in Crystal Falls and Lavigne is called for in our asset management plan and needed to deliver desired levels of service.	\$1,108,400	\$681,809	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	West Perth, Municipality of	Resurfacing of Line 16	Resurfacing 4.6 km of Line 16 with 30 mm of HL-2 hot mix asphalt for pavement preservation and to maximize the useful life of the Road.	\$288,190	\$269,070	Complete
Local Roads and Bridges	West Perth, Municipality of	Construction of Henry Street Bridge	Construction of a new bridge on Henry St to provide residential access to the North side of Mitchell and reduce traffic build up on the Main St Bridge. This new bridge will also assist with emergency management in terms of response times/efficiency.	\$1,693,823	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Installing Top Lift of Asphalt on Ontario Street	Installing the top lift of asphalt on 0.1 km of this road finalizes the reconstruction works that were required to remove and replace 90 mm of asphalt (50 mm binder course and 40 mm surface course). Work also involves installing curbs and gutters, storm sewers and sidewalks. Reconstructing this road will provide safe, serviceable road pavements that maintain sustainability in future use. The pavement was severely deteriorated and the road needed new watermains and sanitary sewers.	\$56,047	\$11,407	Ongoing
Local Roads and Bridges	Whitby, Town of	Installing Top Lift of Asphalt on King Street	Installing the top lift of asphalt on 1.04 km of this road finalizes the reconstruction works that were required to remove and replace 90 mm of asphalt (50 mm binder course and 40 mm surface course). Work also involves installing curbs and gutters, storm sewers and sidewalks. Reconstructing this road will provide safe, serviceable road pavements that maintain sustainability in future use. The pavement was severely deteriorated and the road needed new watermains and sanitary sewers.	\$238,166	\$217,716	Ongoing
Local Roads and Bridges	Whitby, Town of	Installing Top Lift of Asphalt on James Street	Installing the top lift of asphalt on 0.1 km of this road finalizes the reconstruction works that were required to remove and replace 90 mm of asphalt (50 mm binder course and 40 mm surface course). Work also involves installing curbs and gutters, storm sewers and sidewalks. Reconstructing this road will provide safe, serviceable road pavements that maintain sustainability in future use. The pavement was severely deteriorated and the road needed new watermains and sanitary sewers.	\$50,000	\$12,624	Ongoing

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Whitby, Town of	Resurfacing Renfield Crescent	Resurfacing 0.53 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$407,000	\$0	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Regal Briar Street	Resurfacing 0.34 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$223,578	\$166,201	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Prince of Wales Drive	Resurfacing 1.22 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$817,890	\$676,541	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Pine Hills Road	Resurfacing 0.22 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$164,946	\$119,498	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing Nearctic Court	Resurfacing 0.11 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$114,511	\$57,639	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Jacob Drive	Resurfacing 0.28 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$239,000	\$0	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Glen Dhu Drive	Resurfacing 0.66 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$592,193	\$480,138	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Forest Road	Resurfacing 0.22 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$122,953	\$85,141	Ongoing



<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Local Roads and Bridges	Whitby, Town of	Resurfacing Flint Crescent	Resurfacing 0.49 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$357,827	\$314,838	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Catherine Drive	Resurfacing 0.43 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$202,825	\$166,688	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Jeffrey Street	Resurfacing 0.31 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with reditching to improve drainage. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$146,144	\$120,071	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Heron Road	Resurfacing 0.77 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with reditching to improve drainage. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$315,103	\$252,277	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing of Maplewood Dr	Resurfacing 0.363 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$232,100	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing of Jason Dr	Resurfacing 0.503 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$313,500	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing of Inglenook Ct	Resurfacing 0.281 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$205,500	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Resurfacing of Glen Hill Dr	Resurfacing 0.678 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$431,400	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Whitby, Town of	Resurfacing Bentonwood Crescent	Resurfacing 0.68 km of roads that have significantly deteriorated pavement condition and that require removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), along with miscellaneous curb, gutter and sidewalk rehabilitation. Resurfacing will provide safe, serviceable road pavements that maintain sustainability in future use. Resurfacing roads at the optimum time in the life-cycle of the road is a cost-effective means of rejuvenating the road asset.	\$434,700	\$0	Complete
Local Roads and Bridges	Whitby, Town of	Reconstruction of Centre St S and Gilbert St W	Reconstruction of 1.4 km of roads that show a significant deterioration of pavement condition and require the removal and replacement of 90 mm of asphalt (50 mm binder course and 40 mm surface course), installation of new sidewalks, and new underground servicing. This project provides safe, serviceable road pavements that maximize sustainability in future use.	\$3,520,000	\$1,652,077	Ongoing
Local Roads and Bridges	Whitby, Town of	Resurfacing Multiple Streets	Resurfacing 5.395 km of roads that have significantly deteriorated pavement condition and 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 provides 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.	\$3,436,159	\$0	Complete
Local Roads and Bridges	Whitby, Town of	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 involves curb and gutter, sidewalks, new storm sewers, sanitary sewers and watermains.	\$2,378,600	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Whitchurch-Stouffville, Town of	Installation of Streetlights, Traffic Signals and Sidewalks on Aurora Rd	Installation of streetlights, traffic signals and sidewalks on Aurora Road in Ballantrae from Grayfield Drive (western limit) to McFarland Street (eastern limit). The streetlights will illuminate the new sidewalk and provide additional safety for local residents.	\$790,700	\$9,073	Ongoing
Local Roads and Bridges	Whitchurch-Stouffville, Town of	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.	\$750,000	\$17,363	Complete
Local Roads and Bridges	Whitchurch-Stouffville, Town of	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.	\$3,600,000	\$73,510	Complete
Local Roads and Bridges	Whitestone, Municipality of	Surface Treatment of Canning Road	Canning Road is a long length of road that runs off of Highway 124 and for many residents and cottagers it is the only route available. It is used for access to the Whitestone Lake area. This 3 km stretch of road is in need of rehabilitation. The road was pulverized, ditches were restored, fresh gravel was applied, culverts were replaced, and the road was resurfaced with tar and chip.	\$127,611	\$55,576	Complete
Local Roads and Bridges	Whitewater Region, Township of	Rehabilitation of Roads in the Lacroix Bay Area	Due to the 2019 flood, there was excessive damage to the Lacroix Bay area. During the flood, the Township carried out emergency repair work to make the roads passable by adding new granular material. In order to reinstate the roads to pre-flood condition afterward, minor grading and application of double surface treatment was required over approximately 7.2 lane-km of road.	\$796,129	\$170,507	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Wilmot, Township of	Surface Treatment of Wilmot Line (Erb's Rd to the Environmentally Sensitive Limit)	This project is critical to maintain low class bituminous (LCB) hard surface assets.	\$71,085	\$65,000	Complete
Local Roads and Bridges	Wilmot, Township of	Guiderail Installations and Upgrades	In the 2017 & 2019 regulatory bridge safety inspections (OSIM), approximately \$550,000 of guiderail construction or replacement work was identified to ensure bridge and traffic operations safety. This project involves the design and construction of guiderails according to the recommendations. Approximately 630 m of guiderail is being installed on various road segments under this project.	\$50,000	\$50,000	Ongoing
Local Roads and Bridges	Wilmot, Township of	Sidewalk Replacements and Accessibility Improvements	New concrete sidewalks were installed on Hunter Street and Grandview Ave in New Hamburg and Poth Dr and Bridge Street in New Dundee to improve accessibility and to address connectivity issues. Existing concrete sidewalks were additionally replaced at various locations in the Township to ensure safety of pedestrians. In total, 95 m of new sidewalk were installed, and 415 m of sidewalk were rehabilitated or replaced.	\$107,445	\$52,000	Complete
Local Roads and Bridges	Wilmot, Township of	Stormwater and Sidewalk Upgrades on Notre Dame Drive	The Region of Waterloo is planning to reconstruct Notre Dame Drive in St. Agatha. Infrastructure is being improved along Notre Dame Drive from St. Ann Avenue to 440 m South of Erbs Road (for a total length of approximately 1,300 m). Work also involves sidewalk replacement and storm sewer improvements.	\$271,000	\$201,000	Ongoing
Local Roads and Bridges	Wilmot, Township of	Surface Treatment of Diamond Road (Bridge Street to Oxford-Waterloo Road)	This project will hard surface sections of road with tar and chip surface treatment. The surface treatment timing is based on a lifecycle analysis and road condition assessment information, derived from asset management efforts.	\$121,695	\$95,158	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Wilmot, Township of	Wilmot Street Reconstruction - Church St to Huron St	The reconstruction of the existing road will correct deficiencies in the road's physical characteristics. Improvements include converting the road section to an urban cross-section, installing new (or rehabilitating existing) underground infrastructure, installing new sidewalk, reconstructing the granular road base, and establishing a new asphalt surface.	\$1,547,000	\$14,537	Complete
Local Roads and Bridges	Wilmot, Township of	Hannah and Lewis St Reconstruction	The reconstruction of these roads will correct deficiencies in the roads' physical characteristics. The improvements include converting the road section to an urban cross-section complete with new watermain, new sidewalk, granular road base, and new asphalt surface.	\$972,084	\$0	Complete
Local Roads and Bridges	Windsor, City of	Implementation of Traffic Calming Initiatives	As per the corporate Traffic Calming Policy, the City is implementing traffic calming initiatives in two areas of the City. Drouillard Rd is being narrowed through the use of curb extensions ("bump-outs") between Wyandotte and Richmond. Pillette Rd is being narrowed through the use of either curb extensions or median islands between Tecumseh and Plymouth.	\$206,000	\$89,650	Ongoing
Local Roads and Bridges	Windsor, City of	Advanced Traffic Management System (ATMS) Enhancements	Enhancements to the KITS/ATMS and traffic controller equipment. This includes rehabilitating the communication system to Ethernet from serial via fibre, broadband and cellular, replacement and upgrade of the central system hardware, implantation of central system modules, travel time monitoring, adaptive traffic, continued CCTV camera expansion and installation of ITS components associated with the system. Integration of new technologies and data acquisition is being reviewed.	\$952,000	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Citywide Bikeway Development Initiatives	In accordance with the Bicycle Use Master Plan, the City intends to expand its construction of the cycling network facilities, end of trip facilities and transit-cycling links. Approximately 9.4 km are being added to the cycling network.	\$3,389,180	\$500,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Windsor, City of	Rehabilitation of Three Bridges	Rehabilitation of bridges on the E.C. Row Expressway at Dominion Blvd and on Riverside Dr crossing the railway. Work involves removal of existing deck waterproofing, pavement, approach slabs, ballast walls and expansion joint system, partial depth concrete removals and repairs to abutments, wingwalls, deck, soffit, and fascia, bridge jacking and replacement of existing bearing pads, and construction of new approach slabs, ballast walls, expansion joint system and deck waterproofing and paving.	\$3,399,000	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Road Reconstruction and Rehabilitation of Multiple Streets throughout the City	Reconstruction of approximately 5.37 km of road over a number of city streets, including the removal of the entire asphalt surface by cold milling and resurfacing roads with new asphalt. Work is being undertaken to improve/extend the life cycle of these road segments.	\$14,081,137	\$11,467,100	Ongoing
Local Roads and Bridges	Windsor, City of	Traffic Signals - Capital Upgrades and Replacements	Traffic signal system upgrades and signal improvements at various locations within the City. We are installing new cameras and implementing adaptive signal timing to improve flow of traffic.	\$1,644,475	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Remedial Work on Three Bridges	Remedial work on existing overpasses including removal and replacement of existing expansion joint system along with the reconstruction of the concrete deck ends, partial depth concrete removal and upgrade to soffits, abutments, wing walls, barrier walls and pier columns as well as removal and replacement of concrete median curb and partial removal and replacement of existing asphalt pavement and water proofing membrane.	\$3,179,000	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Rehabilitation of Local Roads throughout the City	Rehabilitation of 12.95 lane-km of local roads resulting in improvements to drainage and road pavement by milling and resurfacing.	\$10,014,548	\$4,865,977	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Windsor, City of	Improvements on Dougall Ave and Ouellette Place	Dougall Ave/CN Rail Pedestrian Underpass and Multi-Use Trail - installation of a new pedestrian underpass structure/multi-use trail under the CN Railway to promote safe pedestrian and cycling passage through a very busy traffic corridor.  Dougall Ave/Ouellette Place Intersection Improvements – development of a new geometric design and signalized intersection at a very busy traffic corridor. This intersection has the highest traffic accident rate in the City.	\$1,722,000	\$0	Ongoing
Local Roads and Bridges	Windsor, City of	Cabana Road Infrastructure Improvements	Engineering and construction on Cabana Road from Dominion Blvd. to Dougall Ave. to widen as a result of traffic growth, development of surrounding neighbourhoods and intensification.	\$6,779,845	\$3,779,520	Complete
Local Roads and Bridges	Windsor, City of	Traffic Signal System Upgrades/Improvements	Traffic signal system upgrades and signal improvements at various locations within the City. We are installing new cameras and implementing adaptive signal timing to improve flow of traffic.	\$200,000	\$144,304	Ongoing
Local Roads and Bridges	Windsor, City of	Sidewalk Rehabilitation in Multiple Locations	Rehabilitation of existing concrete sidewalks throughout the City. Allocating funding towards this project initiative reduces additional liability claims the City is faced with and improves active transportation infrastructure.	\$227,000	\$67,550	Ongoing
Local Roads and Bridges	Windsor, City of	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. Those affected are Tecumseh Rd. W. from Partington to Huron Church, Park St. W. from Bruce to Caron, and Halpin Rd. from Mulberry to Wildwood, etc.	\$9,027,000	\$3,156,700	Complete
Local Roads and Bridges	Windsor, City of	Advanced Traffic Management System Upgrades	Continued upgrading and addition of enhancements to the Kimley-Horn Integrated Transportation Systems/Advanced Transportation Management Systems(KITS/ATMS) and continued upgrading of traffic controller equipment to the 2070 controller.	\$1,475,000	\$364,160	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Windsor, City of	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.	\$6,341,758	\$720,900	Ongoing
Local Roads and Bridges	Woodstock, City of	Surface Asphalt Application to Local Roads	Supply and placement of hot mix asphalt to Beale St, Hatch St, King St, Douglas St, Grant St, Grosvenor St, Leinster St, Pavey St, Shenstone Ave, and Vincent St (a total of 3.6 lane-km). Work will provide safe, serviceable road pavements that maximize sustainability, and relates to the road reconstruction projects done in 2019.	\$280,000	\$280,000	Complete
Local Roads and Bridges	Woodstock, City of	Bridge Rehabilitation in Southside Park	The bridge in Southside Park carries both vehicle and pedestrian traffic and connects the two sides of the park across the river. The bridge was in poor structural condition prior to the rehabilitation as identified in the OSIM inspection report.	\$500,000	\$289,000	Complete
Local Roads and Bridges	Woodstock, City of	New Sidewalk Construction on Devonshire Ave and Light St	New sidewalk construction on the east end of Devonshire Ave (2,200 m) and on Light St (280 m) to improve active transportation within the City and to improve public safety.	\$142,436	\$142,436	Ongoing
Local Roads and Bridges	Woodstock, City of	Asphalt Resurfacing of Local Roads	Supply and placement of hot mix asphalt on 10.6 lane-km of city roads, including Anderson St, Arrow Pl, Ashton Cr, Boyle Dr, Canrobert St, Finch Av, Gardiner Pl, Gladstone Dr, Hodgins Cres, Iroquois Cres, Pebble Beach Ct, Rideau Rd, Simcoe St, and Spencer St. Work will provide safe, serviceable road pavements that maximize sustainability and involves pulverizing existing pavement, removing the existing base, and placing hot mix asphalt containing a specified percentage of millings.	\$1,838,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Woodstock, City of	Main St Reconstruction - Mill to Finkle	The reconstruction includes replacement of storm sewers, road base and surface asphalt. This project provides enhanced community health and safety by upgrading underground services and by providing a safe, serviceable road surface.	\$876,204	\$400,000	Complete
Local Roads and Bridges	Woodstock, City of	Fyfe Ave Reconstruction - Cedar to Parkinson	The reconstruction includes replacement of storm sewers, road base and surface asphalt. This project provides enhanced community health and safety by upgrading underground services and by providing a safe, serviceable road surface.	\$970,947	\$200,000	Complete
Local Roads and Bridges	Woodstock, City of	Asphalt Resurfacing of Various Streets	Supply and placement of hot mix asphalt on 4.78 lane-km of roads to provide safe, serviceable road pavements that maximize sustainability. Work involves pulverizing existing asphalt pavement, removing the existing road base, mixing pulverized material with new granular base and placing hot mix asphalt containing a specified percentage of millings.	\$1,840,000	\$166,834	Complete
Local Roads and Bridges	Woolwich, Township of	Middlebrook Road Resurfacing	Middlebrook Road is being resurfaced from Highway 86 to Middlebrook Place, for a total of 4760m. The project involves the pulverizing of existing asphalt, road base improvements, placement of 60mm HL4 base asphalt, placement of 50mm HL3 surface asphalt, and replacement of RAP for shouldering.	\$950,809	\$360,008	Complete
Local Roads and Bridges	Woolwich, Township of	Culvert Replacement – Florapine Road	Structure 110202 is a culvert located on Florapine Road approximately 650 meters west of Arthur Street North near 275 Florapine Road. The existing 3.0 m span, 13.0 m wide open footing reinforced concrete culvert was constructed in 1940. The new culvert has the same 3.0 m span but is 1.7 m wider (for a total width of 14.7 m) to accommodate the roadway platform. The new culvert is being installed in the same location to match the upstream and downstream configuration of the watercourse.	\$496,973	\$401,400	Complete
Local Roads and Bridges	York, Regional Municipality of	Rehabilitation of road pavement surface	Rehabilitate road pavement surfaces to maintain the road in state of good repair, to decrease costs of rebuilding roads and bridges.	\$125,767,355	\$3,129,431	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Local Roads and Bridges	Zorra, Township of	Rehabilitation of Road 92	Rehabilitation of 1.7 km of Road 92 with Hot Mix Asphalt Overlay to include a realignment between Lines 25 and 27 to improve sightlines/safety and curbing to eliminate erosion issues. Also the existing aging stormwater catchment system is being replaced prior to paving.	\$1,041,796	\$245,000	Complete
Public Transit	Barrie, City of	Construction of a Transit Garage	Construction of a transit garage and administrative headquarters. Capacity for 85 conventional buses including storage, maintenance, servicing, operations, and administrative services for Barrie Transit. Facility includes bus maintenance areas with repair bays, detail bays, a stockroom, shop tools and major equipment (e.g., hoists required to maintain the fleet). The bus servicing area includes service lanes and other major equipment (e.g., fuel tanks, fuel dispensers and bus washing equipment).	\$26,850,455	\$0	Ongoing
Public Transit	Brampton, City of	Purchase of New Buses	For the purchase of 28 new buses: 10 conventional diesel growth buses, 8 conventional diesel replacement buses, and 10 hybrid articulated growth buses.	\$26,890,000	\$2,017,000	Complete
Public Transit	Brampton, City of	Implementation of Transit IT Initiatives	Hastus software modifications to help transit become more efficient in delivering services. The upgrades have enhanced features, better algorithms and are able to better support new/mobile technologies (such as current operating systems and mobile devices).	\$1,500,000	\$0	Ongoing
Public Transit	Brampton, City of	Purchase of Low-Floor Conventional Buses	Purchase of 16 low-floor conventional buses. Seven buses are required for growth to meet the expanding needs of a rapidly growing municipality and nine buses are required for replacement of our older fleet.	\$14,065,000	\$880,448	Ongoing
Public Transit	Brampton, City of	Refurbishment of Buses/Engines & Replacement of Hybrid Bus Energy Storage Systems	Buses are being refurbished to extend their expected lives for 18 years, to improve safety, and to meet service needs. Engines are also being refreshed on all transit buses, and energy storage systems are being replaced on hybrid buses. Approximately 130 buses are being refurbished and/or having an energy storage system replaced.	\$10,393,000	\$22,958	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Brampton, City of	Transit Scheduling Software Upgrades	Integrated set of software modules that supports bus scheduling, crew scheduling, dispatching and hence contributing to scheduling efficiencies leading to increased ridership through reallocation of resources.	\$550,000	\$67,560	Ongoing
Public Transit	Brampton, City of	Terminal Improvements at Mt. Pleasant GO Station	Construction of a new Operator facility at Mt. Pleasant GO Station to meet current and future transit growth needs in northwest Brampton. Work involves construction of washrooms and facilities providing a location for operator lunch breaks and reliefs. The new facility is being constructed on Metrolinx property, and as such, is being constructed by them under an agreement with the City.	\$1,000,000	\$1,488	Ongoing
Public Transit	Brampton, City of	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.	\$5,100,000	\$47,440	Complete
Public Transit	Brampton, City of	Facility Renovations at 185 Clark Blvd.	General replacement and renovation of indoor assets (e.g., structural, mechanical, electrical and building finishes) due to wear and tear, functional obsolescence and customer needs. Work involves the complete replacement of the fire alarm system and public address system, exit signs and emergency lighting system, bus wash, roof, and overhead doors. Also included is a sprinkler system audit.	\$5,069,000	\$0	Ongoing
Public Transit	Brampton, City of	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.	\$3,134,000	\$128,376	Complete
Public Transit	Brampton, City of	Smart Bus Technology Installation	To install AVL (Automated Vehicle Locator), using GPS technology, APC (Automated Passenger Count) and MDT (Mobile Display Terminal) on all buses, which will enable Brampton Transit to better manage the system more effectively and efficiently.	\$7,180,000	\$483,643	Ongoing

<b>Category</b>	<b>Municipality</b>	<b>Title</b>	<b>Description</b>	<b>Total Cost</b>	<b>CCBF Funds Used in 2020</b>	<b>Construction Status</b>
Public Transit	Brantford, City of	Transit Replacement of On-Board Equipment	This project includes replacement of Automatic Vehicle Location systems and Call Out Systems with integration and a new farebox system. These replacements are being included in both conventional and specialized transit buses.	\$2,085,000	\$1,927	Ongoing
Public Transit	Brantford, City of	Capital Upgrades to the Conventional Transit Fleet	This project involves the replacement of major components (engines, transmissions, and drive trains) of 5 to 7 conventional transit buses half way through their life cycle in order to ensure that they achieve their full life cycle (12 to 14 years). This capital equipment reconditioning upgrade, which is in addition to, and separate from, on-going, thorough routine maintenance, allows the City to maximize each vehicle's life cycle and avoids the need to purchase replacement buses prematurely.	\$200,000	\$24,287	Ongoing
Public Transit	Brantford, City of	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.	\$50,000	\$0	Ongoing
Public Transit	Burlington, City of	Conventional Bus Replacement	Replacement of four (12 meter) conventional diesel buses to improve public transit.	\$2,835,660	\$0	Ongoing
Public Transit	Burlington, City of	Purchase of New Conventional Transit Vehicles to Accommodate Ridership Growth	Five expansion buses were purchased in 2017-2018 to respond to increased demand for transit services and to increase the spare ration.	\$1,033,200	\$0	Ongoing
Public Transit	Burlington, City of	Replacement of Conventional Transit Vehicles	In order to maintain transit service levels with minimal downtime for maintenance and repairs, six nine-metre replacement buses were purchased between 2016 and 2020.	\$4,423,738	\$182,287	Ongoing
Public Transit	Cobourg, Town of	Transit Shelter Replacement at Burnham Street and DePalma Drive	The Town is replacing the transit shelter at Burnham St and DePalma Drive.	\$15,000	\$10,415	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Cobourg, Town of	Transit Shelter Replacement	The Town is constructing two new bus shelters every year. Shelters are being installed at existing bus stops to replace aging structures and to provide shelters at stops without them.	\$20,000	\$0	Ongoing
Public Transit	Durham, Regional Municipality of	Battery Electric Bus and Charging Infrastructure Demonstration Project	This project includes the assessment, design, supply, installation, testing and commissioning of battery electric transit buses and heavy-duty electric charging equipment and infrastructure to support the power requirements of the vehicles. Up to eight battery electric buses, four chargers, and eight pantograph disperser solutions are being acquired under this project.	\$19,300,000	\$0	Ongoing
Public Transit	Guelph, City of	Transit Facility Renewal and Renovations	Upgrade and renewal of transit facilities to improve the maintenance and operation of the City's fleet of both conventional and mobility vehicles. Work involves renovations and life cycle renewal activities (e.g., overhead door replacement) at the transit facility located at 170 Watson Road South and Guelph Central station. The investment replaces failing infrastructure to improve reliability and meet approved levels of service.	\$1,000,000	\$0	Complete
Public Transit	Hamilton, City of	Purchase of Replacement Buses	The City is replacing 18 buses that have reached the end of their expected lives. Replacement ensures that the City can continue to deliver an appropriate level of service to local residents.	\$3,700,000	\$0	Ongoing
Public Transit	Hamilton, City of	Purchase of New Buses for Hamilton Street Railway	Purchase of 18 new buses for the Hamilton Street Railway (HSR).	\$10,612,381	\$0	Complete
Public Transit	Kingston, City of	Transit Technology On-board Equipment	Installation and replacement of real-time GPS system and AODA on-board stop announcement system.	\$902,009	\$4,669	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Kingston, City of	Downtown Terminal Feasibility Study & Construction	The Kingston Transit Downtown Transfer Point (DTP) at the corner of Brock & Bagot Sts. is in the core making it a popular and key connection point between 12 transit routes and allows passengers to transfer between bus routes in a safe and accessible manner. A Municipal Class EA Study was done to address issues with the existing site & passenger travel experience & it was recommended that the DTP remain in current location and be upgraded with accessible benches, shelters, and waiting areas.	\$320,076	\$0	Ongoing
Public Transit	London, City of	Purchase and Replacement of Buses	Replacement of 16 buses to maintain assets in a state of good repair, reduce vehicle maintenance costs and support service reliability. An additional 16 buses were purchased to expand capacity.	\$9,488,000	\$2,366,000	Complete
Public Transit	London, City of	Replacement of 16 Buses	Ongoing program of replacing 16 buses to maintain assets in a state of good repair, reduce vehicle maintenance costs and support service reliability.	\$4,466,400	\$1,500,000	Complete
Public Transit	Mississauga, City of	Acquisition of Equipment for MiWay Bus Maintenance Facilities	The objective of this project is to purchase equipment (e.g., lifts, specialty equipment, platforms, hoists, etc.) to maintain MiWay's fleet of transit buses. The equipment is vital to ensure transit fleet can support MiWay's levels of service.	\$155,000	\$0	Ongoing
Public Transit	Mississauga, City of	Rehabilitation of MiWay Transit Bus Engines and Other Major Components	This project funds transit bus engine rehabilitation. In the event where transit buses have engine or other major component failure, this project ensures that the repairs are completed in order for the buses to be operable and re-entered into revenue service.	\$5,600,000	\$4,254,786	Ongoing
Public Transit	Mississauga, City of	Upgrading of Station Signage at Various Transit Terminals	This project involves upgrading of station identification signage at Westwood Square and City Centre Transit Terminals. The project also includes relocating of pick-up and drop-off area at Central Parkway Transitway Station.	\$100,000	\$2,113	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Mississauga, City of	Replacement of Transit On-Street Bus Pads, MiWay Bus Stop Poles and Markers	The project involves the replacement/expansion of on-street bus pads. It also involves replacement of existing bus stop markers with the improved accessible design. This project will include the purchase of the bus poles and printing of the stop markers for implementation system wide.	\$190,000	\$7,876	Ongoing
Public Transit	Mississauga, City of	Design and Installation of Inground Two and Three Post Bus Hoists at 2 Transit Terminals	The project involves the design drawings and specifications for 7 inground vehicle hoists at Malton Satellite Terminal and 8 inground vehicle hoists at Central Parkway (Edward J. Dowling) Transit Terminal and all associated work to complete the installation.	\$5,362,000	\$62,299	Ongoing
Public Transit	Mississauga, City of	CityLink IVR Upgrade with Telephony Platform and Real-time GTFS Integration	CityLink is an automated telephone system providing 24/7 access to transit information (e.g., next bus times, bus schedules, bulletins and other routine transit information). The City is upgrading CityLink IVR to the latest version to address the public's growing need for fast and reliable transit information. Work involves deployment to Windows Server 2016 (3 Servers: 2 Production/1 Test), upgrading the telephony platform, and GTFS schedule and real-time data integration.	\$125,000	\$0	Ongoing
Public Transit	Mississauga, City of	Acquisition of Public Transit Buses to Support MiWay Service Levels	The main objective of this project is to purchase 11 new public transit buses. The buses will be purchased through competitive procurement and will be used to service MiWay transit routes.	\$13,200,000	\$678	Ongoing
Public Transit	Mississauga, City of	Mechanical Equipment and Control Systems Renewal at Edward J. Dowling Transit Facility	The City is replacing two ageing mechanical rooftop units in Building C, addressing the high heat causing compressor failures in Building D's compressor room, upgrading ageing building automation system hardware that is no longer supported by the vendor, and replacing the faulty VVT System in Building B with an energy-efficient and low carbon VRF System.	\$1,968,200	\$33,832	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Mississauga, City of	Transit Hastus Application Upgrade	Hastus Application is critical ITS application which helps with crew scheduling, bus assignment, staff payroll, customer comments. Application is due for an upgrade as part of lifecycle. New version will be web based, easy to access and comes with new functionality of Web Bidding. High Availability of the application will be another feature which will be implemented as part of upgrade to ensure Business Continuity/DR.	\$1,000,000	\$233,810	Ongoing
Public Transit	Mississauga, City of	Transit Planning Software Integration	Due to the growing complexity of planning transit routes and services, MiWay identified a need for a technical solution to the current manual route planning and analysis. With Remix, planners are able to change service plans and see the impact to multiple demographic variables in real time, saving hours of manual analysis for multiple iterations of routing designs.	\$300,000	\$138,070	Ongoing
Public Transit	Mississauga, City of	Redevelopment of the Inter-Regional Terminal at Kipling Subway Station	This project is for the redevelopment of Kipling Subway Station, which includes a new inter-regional bus terminal and re-alignment of facilities in proximity to the terminal, as part of the City's commitment to Metrolinx.	\$1,800,000	\$0	Ongoing
Public Transit	Mississauga, City of	Transit Mini Terminals/Bay/Bus Loop - Replacement	To undertake rehabilitation work and upgrades to existing mini-terminals, bays and bus loops to extend the expected life of the asset, or improve its service potential and ensure that infrastructure is safe for use.  The project includes work on: - Cooksville Go Station - This project will include the enhancement of digital signage to better serve the customers. - Westwood Terminal - This project will include the pavement markings to enhance the customer experience and improve safety.	\$100,000	\$93,163	Ongoing
Public Transit	Mississauga, City of	Replacement of On-Street MiWay Bus Stop Poles and Markers	To replace the existing bus stop markers with the improved accessible design. This project will include the purchase of the bus poles and printing of the stop markers for implementation system-wide.	\$50,000	\$702	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Mississauga, City of	Transit Hybrid Midlife Rehabilitation - Battery Modules, Traction Motors and Generators	<p>This project is for the rehabilitation of 15 buses.</p> <p>ESS battery modules have an expected service life of six years. As these buses are nine years old, MiWay expects the modules to fail. Each bus has 16 modules. This project supports replacement of the modules as they fail.</p> <p>Hybrid buses contain traction motors and generators as part of their propulsion system. Some of these components have failed already. This project replaces these major components to keep the buses operational.</p>	\$1,002,362	\$142,078	Ongoing
Public Transit	Mississauga, City of	Transit Capital Bus Maintenance - Engine Rehabilitation	This project is for the rehabilitation of 53 transit bus engines. In the event where transit buses have an engine failure, this project ensures that the rehabilitation is completed in order for the buses to be operable and re-entered into revenue service.	\$5,500,000	\$2,272,824	Ongoing
Public Transit	Mississauga, City of	Transit Bus Acquisitions - Replacement	The main objective of this project is to purchase 30 new public transit buses to replace older buses that have surpassed their useful life. The buses in 2019 were purchased through competitive procurement and built in Saint Eustache, QC. The buses will be second-generation hybrid-electric propulsion technology and will be used to service MiWay transit routes.	\$6,363,597	\$4,865,000	Ongoing
Public Transit	Mississauga, City of	Installation of Presto Self-Service Kiosks	To install 25-30 Presto self-service kiosks (equipment with built-in software) at City Centre Transit Terminal, transit way stations and hubs as well as high-volume community centres to reduce transit user line-ups and increase efficiency.	\$1,000,000	\$27,835	Ongoing
Public Transit	Mississauga, City of	Replacement and Improvements at multiple transit terminals	Replacement of critical doors and grates at City Centre Transit Terminal and Transit Central, as well as the canopy at Malton Satellite.	\$480,930	\$83,941	Ongoing
Public Transit	Mississauga, City of	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.	\$5,986,931	\$1,369,269	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Mississauga, City of	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.	\$378,294	\$0	Complete
Public Transit	Mississauga, City of	Transit Bus Acquisition Service Growth	Acquisition of up to 10 new 40 ft regular service buses to service the increased service hours authorized for daily operations.	\$7,158,000	\$1,779,038	Ongoing
Public Transit	Mississauga, City of	Replacement of Platform, Roof and Ramp at Various Transit Facilities	Replacement of the platform surface at City Centre Transit Terminal and mechanical systems at Malton Transit Terminal. Work also involves escalator and elevator modernization, roof replacement, and ramp replacement at transit buildings.	\$8,182,845	\$3,722,144	Ongoing
Public Transit	Mississauga, City of	Replacement and Improvements at Multiple Transit Terminals	Improvements at Transit Terminals, City Centre, South Common Mall, and the Inter-Regional Terminal Kipling Subway Station redevelopment at Dundas and Aukland. Improvements involve technical and structural enhancements to elevators, escalators and other structures.	\$6,577,869	\$105,198	Ongoing
Public Transit	Mississauga, City of	Rehabilitation & Improvements in Multiple Transit Facilities	Central Transit Facility Terminal LED Lighting Retrofit (including the replacement of 504 metal halide fixtures with new LED fixtures and enhanced lighting controls), Water Supply Line, and Exterior Door Assembly. Malton Transit Facility Expansion and Improvements. Semenyk Court Facility - Washroom replacement and Retaining Wall/Chain Link Fence.	\$4,791,269	\$0	Ongoing
Public Transit	Mississauga, City of	Transit GTA Farecard Project	This project will work in conjunction with other transit systems in the GTA to facilitate public transportation in the GTHA, allowing for a seamless, paperless and cashless process. The project includes the following device installations for full roll-out: Online Devices (devices are permanently connected to the Central System, transmitting data to/from the CS at set intervals), Station Point of Sale Device (SPOS), Card Query Device (CQD). 500 card readers will be installed.	\$9,785,164	\$61,678	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Mississauga, City of	Mississauga Intelligent Transportation System for Transit (MITST)	This project is to implement a Mississauga Intelligent Transportation System for Transit (MITST) to provide a proven, efficient and reliable system to meet the needs of Mississauga Transit (MT) dispatchers (controllers), bus operators, supervisors, security enforcement, management, and the travelling public. The system will comply with mandated automated next stop announcement; Provide real-time travel information on any device, any time, any place; Improve service delivery.	\$17,664,566	\$0	Ongoing
Public Transit	Ottawa, City of	Purchase of Novabus LFS Diesel 40 ft Buses	Purchase of 63 Novabus LFS Diesel 40 ft buses for replacement of the City's ageing bus fleet.	\$43,392,000	\$24,204,006	Ongoing
Public Transit	Ottawa, City of	Expansion of the Baseline Park & Ride Facility	Design and expansion of the Baseline Park & Ride Facility (Woodroffe and Baseline Road) due to the increased volume of users. This ward serves over 51,000 people. The expected useful life of this expanded facility is 25-30 years.	\$603,000	\$0	Ongoing
Public Transit	Ottawa, City of	Purchase of Novabus LFS Diesel 40 ft Buses	Purchase of 34 Novabus LFS Diesel 40 ft buses for replacement of the City's ageing bus fleet.	\$28,000,000	\$21,859,000	Ongoing
Public Transit	Ottawa, City of	Construction of SE Transitway - Heron Road and Walkley Road	Construction of 940 m of Southeast Transitway between Heron Road and Walkley Road.	\$607,000	\$48,000	Ongoing
Public Transit	Ottawa, City of	Purchase of FLIRT Diesel/Electric Trains	Purchase of 7 Stadler FLIRT Diesel Electric Trains for Trillium Light Rail Line	\$246,994,080	\$0	Ongoing
Public Transit	Ottawa, City of	Planning/Designing/Construction Stage 2 Light Rail	Planning, designing and constructing Stage 2 Light Rail Transit service to the City's East, West and Southern communities. Stage 2 of light rail will involve the addition of 35 kilometers of rail and 19 new stations that improve the performance of, and access to, Ottawa public transit network; attract new customers; and limit operational costs. This project covers preliminary design, procurement options analysis, business case development etc.	\$3,800,443,699	\$0	Ongoing
Public Transit	Ottawa, City of	Purchase of Novabus LFS Diesel 40 ft Buses	Purchase of 79 Novabus LFS Diesel 40 ft buses for replacement of ageing bus fleet.	\$54,657,978	\$5,659,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Ottawa, City of	Construction of the South West Transitway from Baseline Rd to Norice Drive	This project involves construction of the south west transitway from Baseline Rd to Norice Drive, including both transitway infrastructure and a multi-use pathway adjacent to the transitway.	\$1,497,000	\$0	Ongoing
Public Transit	Ottawa, City of	Purchase of New Light Rail Vehicles and Expansion of the Belfast Multi-Service Facility	Purchase of 38 new Alstom Citadis Light Rail Vehicles for the Downtown line and East/West expansion lines and expansion of the Belfast Multi-Service Facility.	\$476,184,423	\$0	Ongoing
Public Transit	Ottawa, City of	Light Rail Transit (LRT) between Tunney's and Blair	The rapid transit network component of the Transportation Master Plan, which included a rail corridor between Tunneys and Blair, with a downtown tunnel and a maintenance and storage facility to be located in the east end. This project is required to address congestion through the downtown core and to increase the capacity of the transit system to accommodate future transit ridership.	\$2,080,453,907	\$2,317,303	Complete
Public Transit	Peel, Region of	Purchase and Replacement of TransHelp Vehicles	Purchase/replacement of old TransHelp vehicles (16 total). The project also includes the addition of new vehicles to support client growth due to changes as a result of the Accessibility for Ontarians with Disabilities Act (AODA) and Peel's aging and growing population.	\$1,575,000	\$1,449,833	Ongoing
Public Transit	Peel, Region of	Installation of Video Cameras on TransHelp buses	Video cameras are being installed on all TransHelp owned vehicles to provide safety and security for passengers/persons with disabilities.	\$653,000	\$147,142	Ongoing
Public Transit	Peel, Region of	Infrastructure Upgrades to the TransHelp's VCOM Radio Communication System.	The infrastructure upgrade to the VCOM system involves enhancing the VCOM tower generators and wireless data backup system and the continued expansion of the broadband overlay. This project will provide reserve capacity to accommodate future growth, better extreme weather resistance and improved core servicing without traffic interruptions.	\$4,411,900	\$51,136	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Peel, Region of	Purchase and Replacement of TransHelp and Caledon Community Services Vehicles	Purchase/replacement of 48 old TransHelp and Caledon Community Services vehicles. The project also included the addition of new vehicles to support client growth due to changes as a result of the Accessibility for Ontarians with Disabilities Act (AODA) and Peel's aging and growing population. The vehicle purchases for Caledon Community Services support added vehicles in the Town of Caledon to provide accessible transportation services to residents.	\$2,881,715	\$289,107	Ongoing
Public Transit	Peel, Region of	Accessibility Information Technology	Implementation of software and technology to support the recommendations of the Accessible Transportation Master Plan Service Model.	\$2,012,000	\$58,570	Ongoing
Public Transit	Peel, Region of	Mavis Yard Redevelopment for Accessible Transportation	Redevelopment of Mavis facility to accommodate accessible transportation operations. The Facility includes approx. 30,000 sq. ft. of industrial space for vehicle maintenance and cleaning. Also included is admin office space, vehicle fuelling facilities & associated parking for Fleet & employees. The new facility includes many Low Impact Development initiatives such as, rainwater harvesting for use in the wash bay, a green roof and permeable pavers in a portion of the parking areas.	\$18,501,533	\$135,798	Ongoing
Public Transit	Peel, Region of	VCOM Software/Hardware Replacement for TransHelp	The entire voice radio communication system used by the Region - including the two-way radio system used by TransHelp for communication between dispatchers and bus drivers - is being upgraded.	\$11,389,000	\$122	Ongoing
Public Transit	Peel, Region of	TransHelp Bus Retrofit	Retrofit of five buses for system changes/upgrades and accessibility features (e.g., upgraded flooring, stanchions bars, etc.).	\$400,000	\$18,357	Ongoing
Public Transit	Peterborough, City of	Transit Bus Purchases	Purchase of three 40 foot Low Entry Fully Accessible Urban Diesel Buses to ensure current service levels can be met consistently and to allow for some expansion of service to meet increased ridership resulting primarily from increased Fleming College and Trent University demand.	\$1,775,000	\$535,402	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	Thunder Bay, City of	Transit Stops Upgrades	Transit stop upgrades include hard surface mobility pads to improve accessibility, shelters to improve stop amenities, and transit signage at bus stops, terminals and transfer points.	\$130,000	\$0	Complete
Public Transit	Windsor, City of	Transit Windsor Fleet Replacement	Acquisition of transit buses as approved by the Board of Directors and City Council.	\$6,154,000	\$4,100	Complete
Public Transit	Woodstock, City of	Hydrogen Units Pilot Project	A transit bus and a recycling truck would be installed with the HydraGEN units with fuel savings rate estimated between 6% and 19% with additional reductions in particulate matter and greenhouse gases. The units are a small attachment placed on a diesel vehicle and are used to convert distilled water into pure oxygen and hydrogen. The pure oxygen and hydrogen are then added to the vehicles fuel stream for enhanced combustion.	\$14,001	\$14,001	Ongoing
Public Transit	York, Regional Municipality of	Expansion of Transit Management Systems	Expansion and upgrade of fare collection systems and various intelligent transportation systems to support growth, and improve productivity and customer service. The reliable Intelligent Transportation Systems will provide regional residents, bus operators and travelers with safe and secure transportation service.	\$1,312,000	\$1,311,628	Complete
Public Transit	York, Regional Municipality of	Design, Construction and Expansion of Bus Stops and Terminals	Design and construction of new transit facilities and expansion of existing, including installation of new bus stop shelters, bus stops concrete passenger standing areas, and various upgrade on terminals. There is a legislative requirement to provide appropriate facilities for the travelling public at transit facilities. The program provides the required infrastructure and amenities to support the expansion of YRT/Viva service in York Region and provide the appropriate environment for customers.	\$996,000	\$849,892	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	York, Regional Municipality of	Design, Construction, and Upgrade of the Newmarket Bus Terminal	Design, construction, and upgrade of the newly purchased Newmarket Bus Terminal. The purchase of the terminal building ensures existing YRT bus operations continue uninterrupted and secures operational capabilities for future growth as outlined in the 2020-2024 Transit Strategic Plan. The Newmarket GO Terminal is in the Town of Newmarket Urban Centres Secondary Plan which is identified for economic growth and is a vital transportation corridor.	\$15,417,000	\$506,873	Ongoing
Public Transit	York, Regional Municipality of	Expansion of Transit Fleet	Purchase of 3 expansion Mobility Plus buses to support service growth. Expansion of YRT's Mobility On-Request service will increase access to efficient transportation options, and aligns with the Region's growth ridership demands.	\$880,000	\$537,662	Complete
Public Transit	York, Regional Municipality of	Design and Construction of the Mackenzie Vaughan Hospital Terminal	Design and construction of new Mackenzie Vaughan Hospital terminal. This terminal will support transit needs related to ongoing commercial and institutional growth in the corridor associated with the City of Vaughan Healthcare Precinct Plan which includes the new Hospital and associated lands. The terminal will also support existing commercial and recreational destinations in the corridor.	\$14,727,000	\$72,360	Ongoing
Public Transit	York, Regional Municipality of	Expansion of the Transit Garage at 55 Orlando Ave	Expansion of the existing bus storage and maintenance facility at 55 Orlando Ave in Richmond Hill to accommodate the growing fleet. The existing facility is expected to reach capacity in 2024, and it will be necessary to expand the facility to meet transit related objectives outlined in various Regional plans and studies. This project will allow for transit growth in an efficient and fiscally responsible way by optimizing an existing bus garage to meet YRT needs.	\$65,011,000	\$1,481,875	Ongoing
Public Transit	York, Regional Municipality of	Design, Construction and Expansion of Rapidway Facilities and Terminals	Design, construction and expansion of rapidway facilities and terminals including the Operations, Maintenance and Storage Facility in Richmond Hill, various park n ride facilities and new terminal in the City of Markham.	\$213,355,908	\$2,781,757	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Public Transit	York, Regional Municipality of	Construction of Transit Garage North	Construction of a bus storage and maintenance facility at 18110 Yonge St. to accommodate the growing fleet. The facility expansion is aligned with the council endorsed strategy to store and maintain the Region's conventional, Viva, and specialized fleets to the year 2031. The project will ensure bus service plans outlined in the 2020-2024 Transit Strategic Plan can be implemented while also protecting and extending the life of an existing Regional asset.	\$40,714,000	\$4,274,812	Ongoing
Public Transit	York, Regional Municipality of	York Region Rapid Transit	Construction of the Toronto-York Spadina subway extension, new bus rapid transit terminals and VIVA Quick Start initiative.	\$346,533,504	\$6,625,935	Ongoing
Recreation	Ajax, Town of	Audley Recreation Centre Phase 2	44,800 sq ft expansion to an existing recreation facility that provides an active living studio, change rooms, multi-functional space for programming for all ages, community rooms, and a branch library.	\$42,870,700	\$50,506	Ongoing
Recreation	Atikokan, Town of	Dehumidifying Unit Replacement in the Recreation Wellness Centre	This project will replace the dehumidifying unit which provides heat in the winter and removes humidity in the summer in the pool area of our Recreation Wellness Centre. The swimming pool is unable to operate without this unit which has overextended its lifespan by over 15 years and caused several problems in the building.	\$280,000	\$0	Ongoing
Recreation	Atikokan, Town of	Multi-purpose Community Wellness Centre	Revamp two existing facilities (pool and arena) into a multi-purpose community wellness centre. Two separate existing buildings were joined together with upgrades to each building including the refrigerated floor system, boards, glass, etc. to expand and modernize the current facility size. All these upgrades allow for higher levels of participation, economic stimulus and improved energy efficiencies.	\$5,500,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Baldwin, Township of	Recreation Site - Rehabilitation	Rehabilitation of Snoopy's Landing (our recreation site) to add a new - and more efficient - water system (including drilled well, weeping tiles, pump etc.), increase lighting for the rink and soccer field, enhance the parking lot, enhance the new dog park, and improve the playground. All of these additions will make the recreation site more user friendly and accessible to all community members and surrounding municipalities.	\$35,000	\$28,986	Ongoing
Recreation	Baldwin, Township of	Community Garden Rehabilitation	The Township is rehabilitating the Community Garden and walking path to make it more user-friendly. Work involves construction of a gazebo with lighting, resurfacing and widening the current heaved walkway to make it more accessible and safe, and creating space for vehicle and bike parking. Rehabilitation encourages residents to enjoy gardening, the playground equipment (recently installed), picnics, and local activities (family celebrations, music concerts, "Art In the Park", etc.).	\$75,000	\$53,952	Ongoing
Recreation	Barrie, City of	Rehabilitation of Tennis Courts in Four Parks	The tennis courts at Eastview Park, Redpath Park and Greenfield Park are being replaced where there is physical deterioration of the existing facilities. Also included is the upgrading of the lighting system to LED, replacement of deteriorated fencing, replacement of the asphalt surfacing, new nets, and tensioning mechanisms.  Three asphalt courts are also being replaced at Queens Park, complete with a new set of posts and nets, and installation of new fencing mesh.	\$363,446	\$221,568	Complete
Recreation	Barrie, City of	Restoration of Lobby Flooring at Allandale Recreation Centre	This project involves the restoration/resurfacing of the interlocking stone flooring in the circulation areas of the Allandale Recreation Centre. Ancillary work to be completed in a second phase includes ceiling restoration to update the appearance of the facility, and complete a designated substance abatement in advance of future work.	\$500,000	\$253,751	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Barrie, City of	Tennis Court Rehabilitation in Multiple Locations	The tennis courts at Eastview Park, Redpath Park and Greenfield Park are being replaced where there is physical deterioration of the existing facilities. Also included is the upgrading of the lighting system to LED, replacement of deteriorated fencing, replacement of the asphalt surfacing, new nets, and tensioning mechanisms. The Queens Park project is a full replacement of 3 asphalt courts, new set of posts and nets, and installation of new fencing mesh.	\$416,000	\$0	Complete
Recreation	Barrie, City of	Expansion of Centennial Park Infrastructure	Expansion of Centennial Park, involving implementation of renewed pathways to separate pedestrians from cyclists and improve accessibility; construction of new boardwalk between the beach and parkland; electrical and water fountain servicing; pathway lighting, and irrigation for Centennial Park. Park improvements allow this major community park to function at optimum levels, and provides residents and visitors with a beautiful recreational area in the heart of the City's downtown.	\$8,401,505	\$35,480	Complete
Recreation	Brampton, City of	Renovation and Expansion of Balmoral Recreation Centre	The project consists of partial demolition of the existing 53-year old building with an area of 17,000 sq ft while retaining the 25 m lap pool, and constructing a new building addition with a new total building area of approximately 34,720 sq ft. The addition includes a pool and sauna, family shower and change rooms, gymnasium with change rooms, two multi-purpose rooms, an admin office, and an outdoor splash pad and playground.	\$4,450,000	\$129,835	Ongoing
Recreation	Brampton, City of	Loafers Lake Recreation Centre Expansion and Upgrades	This is a new building addition and renovation for existing Loafers Lake Recreation Centre to position the building for future use as it relates to programming, accessibility, building systems longevity and serviceability, building maintenance and operation. Work involves construction of fitness change room additions for both men and women with new showers and sauna. New accessibility upgrades are also being placed throughout the entire building, public spaces and existing washrooms.	\$6,300,000	\$2,801,277	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Brampton, City of	Replacement of Playstructures in Ferri Park, Rushmore Park and Valleydown Park	Playstructures are being replaced at Ferri Park, Rushmore Park and Valleydown Park. The playstructures have been prioritized from a detailed audit assessment and from a number of grandfathered CSA infractions to meet current industry standards. Work involves rehabilitating and replacing playstructures, surfacing, concrete curbs, drainage, benches, and concrete pads, and regrading top soil and sod.	\$733,336	\$82,267	Ongoing
Recreation	Brampton, City of	Walkway Replacement in Multiple Parks	Walkway Replacement involves removal of existing pathway asphalt, excavation and widening of existing trail to current City standard, placing new CSP culverts to facilitate positive drainage, placing a base of 200 mm of recycled crushed concrete, and paving 75 mm of HL-3 asphalt to restore the parks' pathway.	\$783,039	\$127,858	Ongoing
Recreation	Brampton, City of	Renovation of Multiple Recreation Centres	Project work involves structural, mechanical, electrical works, building finishes, furnishings and equipment replacement due to wear and tear, functional obsolescence, and customer need in the Brampton Soccer Centre, Earnscliffe RC, Greenbriar RC, Jim Archdekin RC, Loafer's Lake RC, Memorial Arena, and Terry Miller RC.	\$9,596,000	\$115,909	Ongoing
Recreation	Brampton, City of	Renovation of Various Recreation Facilities	Renovations at the Brampton Soccer Centre, Chinguacousy Park, Chris Gibson RC, Earnscliffe RC, Memorial Arena, Peel Village Golf Course and FCCC Senior Centre. Work involves structural, mechanical, electrical, building finishes, furnishings & equipment replacement due to wear and tear, functional obsolescence, and customer need.	\$5,307,000	\$1,149	Ongoing
Recreation	Brampton, City of	Outdoor Recreation Amenity Improvements	Replacement of play structures, trails and pathways to meet current standards and update aging infrastructure, installation of new shade structures in city parks, expansion of open space at Rosalea Park, and replacement of existing furniture and signage.	\$2,975,000	\$232,052	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Brampton, City of	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.	\$1,095,000	\$0	Complete
Recreation	Brockville, City of	Renovation of Rotary Park Arena Boards	Rotary park has undergone a significant overhaul in recent years involving the installation of a roof over the outdoor arena as well as a community pavilion funded by P&G. This project extends those improvements with the purchase and installation of used arena boards. The new boards will allow the community to fully utilize the space for many years to come.	\$126,719	\$0	Complete
Recreation	Brockville, City of	Renovation of Hardy Park Washrooms & Sewer Reconstruction	<p>This renovation was to partly demolish the two old Hardy park washrooms and add four accessible washrooms. The part of the building left standing houses the electrical panel, maintenance room and storage. The whole structure now has a tin roof with tin siding, metal doors and AODA compliant washrooms.</p> <p>The existing sewer connection to the Hardy Park washrooms is additionally inadequate (capacity and condition) and is therefore being reconstructed.</p>	\$186,000	\$0	Ongoing
Recreation	Burlington, City of	Renovations and Accessibility Improvements at the Beachway Pavilion	To renovate Beachway pavilion decking and increase the accessibility of the facility to local residents.	\$700,000	\$151,702	Ongoing
Recreation	Burlington, City of	Skyway Arena Revitalization	To upgrade refrigeration equipment and building components, which have reached the end of their life cycle and additionally require work due to environmental, accessibility and efficiency reasons.	\$3,750,000	\$355,870	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Cambridge, City of	Witmer Park Improvement	Improvement to the current park amenities within Witmer Park (100 Arthur Fach Dr.) with guidance from neighbourhood input. Improvements include the construction of a shade pavilion structure and a multi-use court (containing basketball, tennis/pickleball, a games wall and painted court games), while still maintaining a large lawn area for informal play. The intention of the design is to provide a multi-functional and flexible space for the community to use, both formally and informally.	\$258,340	\$193,127	Ongoing
Recreation	Cambridge, City of	Sports field Improvements	This project addresses the capital improvement needs of existing sports facilities as part of the update to the Master Plan for sports fields and sports field facilities. This involves both washroom and sports field improvements. The focus is to upgrade back stops and perform infield improvements on the two Wayne Taylor Park diamonds and the Studiman Park diamond. This also includes minor improvements at the Churchill Park soccer field washrooms.	\$389,700	\$0	Ongoing
Recreation	Cambridge, City of	Grandstand Roof Replacement - Riverside Park	Replacement of critically failing roof on the Riverside Park Grandstand. The roof deck has rotted prematurely with visible holes through the deck and water damage is increasing beneath the seating and in the change rooms below.	\$150,000	\$15,186	Ongoing
Recreation	Cambridge, City of	Centennial Park Rehabilitation	Rehabilitation of Centennial park to improve pedestrian safety. Work involves replacing aged and failing staircases, replacing railings, eliminating heaved walkway trip hazards, rehabilitating collapsing decorative walls, replanting overgrown site-lines, and work on vistas, including the lighting of the Gore Pergola and upper lookout.	\$200,000	\$4,477	Ongoing
Recreation	Cambridge, City of	Forbes Park Revitalization	This project is for the improvement and update of many features located within Forbes Park. Phase 1 improves the accessibility of the park by remodeling/renovating washrooms to provide accessible access to all patrons and by addressing issues with pathways and parking lots. Drainage issues are also being addressed during Phase 1.	\$375,000	\$162,217	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Chapple, Township of	Chapple Community Centre Renovations	<p>A new lighting system was installed in the Community Centre. Not all lights were working and this posed a hazard. LED light replacement had also been identified in our Energy Management Plan to improve energy efficiency and cut costs.</p> <p>This recreation facility is the hub of the Community. It is used by service groups, district conferences, weddings, funerals, elections, vaccination clinics, bi-monthly seniors dances, serves as our emergency management evacuation centre, and more.</p>	\$2,544	\$2,544	Complete
Recreation	Clarence-Rockland, City of	Floor Replacement at Bourget Community Centre	<p>The current tile floor is approximately 50 years old and dates back to the original construction of the Community Centre. Updating/replacing the floor will give the Community Centre a nice face lift and improve the experience for people renting the hall.</p>	\$112,589	\$100,000	Complete
Recreation	Clarence-Rockland, City of	Installation of Outside Rink Boards at Bourget Community Centre	<p>This project is for the replacement of outdoor rink boards with permanent ones. The previous boards were made out of wood. The new boards are made out of aluminum and puckboard. This new product will last much longer and will require much less maintenance. These modifications will also improve and facilitate the upkeep of the winter ice surface and will encourage the community to use the outdoor rink more often.</p>	\$41,386	\$41,386	Complete
Recreation	Clearview, Township of	Station Park Redevelopment	<p>These works are part of a major downtown revitalization for the Stayner community and will include correction of deficient drainage issues, road reconstruction and urbanization, traffic calming in public/pedestrian areas, lighting and landscaping features. New road surfaces and pedestrian trails will be included. Upgrades to certain utilities and municipal services will be required prior to full implementation of surface infrastructure and landscaping.</p>	\$400,000	\$55,201	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Cornwall, City of	Installation of Two Above Ground Fuel Tanks at Marina	In the spring of 2019, officers for the Federal Department of the Environment issued an order to the City of Cornwall and the Department of Fisheries and Oceans to immediately remove the existing underground fuel storage tanks at Marina 200 from service as they were deemed to not be in compliance with current standards. The new fuel storage tanks are being installed on a new concrete slab.	\$166,469	\$164,969	Ongoing
Recreation	Cornwall, City of	Replacement of Snow Making Equipment at Big Ben Ski Centre	The failed snow gun was so outdated that repair was not an option and the facility ran only one snow gun for the majority of the season. Administration had a snow gun supplier come to site and review the existing snow making equipment in order to provide a recommendation and quote for a new snow gun, water pump and supply pipe. This project includes the replacement of the existing water pump and supply pipe as well as the purchase of a snow gun.	\$137,252	\$137,252	Complete
Recreation	Douro-Dummer, Township of	Warsaw Community Centre Flooring Replacement - Dressing Rooms, Hallway and Lobby	Replacement of the flooring at the Warsaw Community Center in the dressing rooms, hallway and lobby. The flooring is past its useful life and is in poor condition. Replacement is required to ensure that visitors can safely use the building.	\$40,181	\$40,181	Complete
Recreation	Douro-Dummer, Township of	Warsaw Community Centre Glycol Loop Replacement	Replacement of the glycol cooling loop at the Warsaw Community Center. The glycol cooling loop is essential to cool and make the ice surface. The existing glycol cooling loop was failing and needed replacement.	\$24,601	\$24,601	Complete
Recreation	Douro-Dummer, Township of	Douro Community Centre - 2nd Desiccant Dehumidifier Replacement	Replaced the 2nd desiccant dehumidifier at the Douro Community Center. The existing dehumidifier was no longer working which led to fog in the arena and moisture issues. The new dehumidifier will maintain the quality of ice, safety of the participants and condition of the facility.	\$37,801	\$37,801	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Douro-Dummer, Township of	Douro Community Centre - Compressor Overhauls	Major overhaul of the compressor at the Douro Community Center. There are two compressors that are used to maintain the ice surface. Both compressors were past their useful life and required a complete overhaul, including the motor, to continue to operate and therefore for the facility to continue to have ice.	\$15,200	\$15,200	Complete
Recreation	Douro-Dummer, Township of	Douro Community Centre Flooring Replacement - Dressing Rooms, Hallway and Lobby	Replacing the rubber floor at the Douro Community Centre in the Dressing Rooms, Hallway and Lobby. The flooring is past its useful life and is in poor condition. Replacement is required to ensure that visitors can safely use the building.	\$28,836	\$28,836	Complete
Recreation	Dryden, City of	Recreation Centre HVAC Replacement	The HVAC unit at the recreation centre is past its useful life, running at half capacity with one failed compressor. The unit is therefore being replaced.	\$21,618	\$21,618	Complete
Recreation	Dryden, City of	Arena Flooring Upgrades	Work involved resurfacing arena flooring in dressing rooms, the dressing room hallway, and the walking loop around rink 1. The new floor promotes active participation, social inclusion and physical well being (with the introduction of a walking program with a clear and identifiable non slip walking track) and improves the safety and accessibility of the arena.	\$119,783	\$28,600	Complete
Recreation	Dryden, City of	Recreation Centre Pipe Replacement	This project involves the removal of aging and leaking cast iron drain-waste-vent (DWW) piping in order to ensure the health and safety of staff and patrons of the Recreation Centre.	\$100,000	\$0	Ongoing
Recreation	Englehart, Town of	Replace Arena Dehumidifier	We are looking to replace the existing dehumidifier at our Arena Complex. We have been patching it for the past three years with lost arena time and the last time we were told it will not last next season. The dehumidifier is an essential piece of equipment to run the arena. If it has to be replaced mid season, the arena would be shut down for a few months so the entire hockey/figure skating season would be lost.	\$79,990	\$79,990	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Goderich, Town of	Revitalization of Goderich Recreation Park	Renovation of 2 baseball diamonds and a soccer pitch, construction of a third ball diamond and a skate park. An accessible playground, pavilion, improved green space and picnic areas are also elements of this revitalization project.	\$3,847,710	\$100,000	Complete
Recreation	Guelph, City of	Recreation Facility Renewal	<p>Renovations at recreation facilities, including upgrades to HVAC systems, installation of upgraded amenities, and improved accessibility. Work involves mechanical and building envelope life-cycle renewal at West End Recreation Center.</p> <p>The West End Recreation Centre is one of the City's main recreation facilities, it includes two ice pads, pool, basketball courts as well as meeting rooms. Maintaining it in a good state of repair is critical to ensuring continued access for citizens.</p>	\$8,287,205	\$0	Ongoing
Recreation	Guelph, City of	Playground Structure Replacement	Replacement of play equipment at parks throughout the City. This work includes the design and implementation of new play equipment at following five locations: Burns Drive Park, Grand Road Park, St. George's Park, Suffolk Street Park, and Royal City Park.	\$5,544,100	\$200,203	Ongoing
Recreation	Guelph, City of	Renewal and Replacement of Recreation Amenities	Replacement of existing tennis courts at various locations in the city. Renovations to four park washroom facilities at Riverside Park, Margaret Greene Park, Silver Creek Park, and Exhibition Park. Replacement of one washroom/splashpad facility at Hanlon Park, stabilization of Goldie Mill ruins and renovations at Hastings Stadium.	\$4,462,100	\$41,384	Ongoing
Recreation	Halton Hills, Town of	Acton Arena Flat Roof Replacement	Acton Arena holds two skating rinks, a meeting room and a multi-purpose room. The main building was built in 1997 and a new addition of the McKnight Rink was added in 2015. The building has a total roof area of 7,225 m <sup>2</sup> . These roof areas are now 23 years old and at the end of their projected life expectancy.	\$240,000	\$19,236	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Halton Hills, Town of	MoldMaster's Sports Park Humidifier Replacement	The Alcott and Fernbrook rinks have both been served with a single dehumidification unit. This unit is now at the end of its useful life-cycle. Efficient de-humidification is required to maintain proper ice and efficiently control the arena environment.	\$200,000	\$4,470	Ongoing
Recreation	Halton Hills, Town of	MoldMaster's Sports Park Stair Railings Refurbishment	Refurbishment of the stairs, accessible ramp and railings at the entrance of Moldmaster's sports park. The concrete has significantly deteriorated and will impact the structural integrity of the railing system.	\$50,000	\$0	Ongoing
Recreation	Halton Hills, Town of	Cedarvale Community Centre Revitalization	The Cedarvale Community Centre serves as a daycare facility for preschool children and has multiple meeting rooms, a gymnasium for sports activities, and storage areas to serve the needs of many local organizations. The main building was built in 1954 and a new addition comprising of the gymnasium was added in 1977. The roof is in need of replacement, as it is over 25 years old.	\$322,000	\$28,257	Ongoing
Recreation	Halton Hills, Town of	Tennis Court Lighting Replacement	<p>The scope of this project includes the replacement of tennis court lighting at Emmerson Park with LED Lighting Systems.</p> <p>The tennis lighting system does not provide a safe level of play per IES, OESC and ESA standards for minimum foot-candle levels. The system has far exceeded its normal life expectancy.</p> <p>The new systems will provide a safer level of play while also maximizing operational efficiencies.</p>	\$175,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Halton Hills, Town of	Sportsfield Lighting Replacement	<p>The scope of this project includes the replacement of sports field lighting at Cedervale Park Soccer Field 2 (circa 1998) and Gellert Diamond #1 (circa 1999) with LED lighting systems.</p> <p>The lighting systems have reached the end of their useful life and are not using new energy efficient technologies. The new systems will provide a safer level of play while maximizing energy efficiencies.</p>	\$550,000	\$256,406	Ongoing
Recreation	Halton Hills, Town of	Acton Arena Skate Tile Replacement	<p>Replacement of skate tile throughout the lobby, dressing rooms and players' corridor of the Acton Arena (Townesley Rink). The existing flooring dates back to the original 1997 build and was identified in the 2016 building condition assessment as being at the end of its lifecycle.</p> <p>Renewal of the skate tile will improve appearance and performance, as well as mitigate health and safety issues.</p>	\$95,000	\$30,568	Complete
Recreation	Hamilton, City of	Roof Replacement - Spring Valley Arena and Ancaster Seniors Achievement Centre	The City removed and replaced the roof of the Spring Valley Arena and Ancaster Seniors Achievement Centre. Roof replacement ensures the continued delivery of recreation services to the local community.	\$840,000	\$256,985	Ongoing
Recreation	Hamilton, City of	Construction of Mountain Brow Path	Development of a recreational multi-use trail (approximately 330 m) following the escarpment edge to take advantage of views and provide connectivity between wards. The pathway will include a mixture of facility types with a preference towards accessible off-road paths wide enough for pedestrians and cyclists.	\$841,000	\$29,598	Ongoing
Recreation	Hamilton, City of	Redevelopment and Expansion of Parkdale Outdoor Pool	The pool is not designed to current standards and is experiencing considerable structural and mechanical problems. Development will include brand new change rooms, showers, washrooms, and mechanical space as expansion.	\$3,625,000	\$269,004	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Hamilton, City of	Valley Park Community Centre Fit-up	The library is being relocated to a new facility on the site. Fit-ups are required to convert the former library space for recreation programming. Lifecycle replacements are also due at this site and are being conducted. Fit-ups include rejuvenation of aging baseball diamonds and the parking lot, replacing the basketball court with a new multi-purpose court (basketball, ball-hockey, tennis, etc.), creating a walking trail along the park perimeter, and replacing aging equipment.	\$2,100,000	\$1,807	Ongoing
Recreation	Hamilton, City of	Parkdale Arena Upgrade	The City is upgrading equipment and facilities of Parkdale Arena to phase out the use of Freon in accordance with the Montreal Protocol.	\$1,600,000	\$20,793	Ongoing
Recreation	Hamilton, City of	Heritage Green Community Sports Park Implementation	This phase of work involves the creation of a park entrance road and trail to the west of the park. Future phases will involve the construction of additional sports fields to complete the park.	\$1,445,600	\$0	Ongoing
Recreation	Hamilton, City of	Park Pathway Resurfacing	Excavation and resurfacing of park pathways to maintain minimum standards for safe public use and barrier free access.	\$244,900	\$17,846	Ongoing
Recreation	Kitchener, City of	Improvements to Ensure a State of Good Repair at Three Recreation Facilities	<p>Seven Building Condition Assessments were completed in 2018 in support of the Leisure Facilities Master Plan. Assessments revealed that three facilities - Breithaupt, Centreville Chicopee, and Grand River - require significant investment to ensure a State of Good Repair.</p> <p>This project addresses concerns at the three facilities. Work involves envelope repairs/replacements, lighting replacement, plumbing component replacements, elevator modernization, and other improvements.</p>	\$887,901	\$42,028	Ongoing
Recreation	Kitchener, City of	Arena Upgrades	System upgrades and improvement projects at City owned arenas. Scheduled work for 2020 includes electrical motor control centre replacement and paving at Grand River Arena, commercial water heater and water line replacements, catch basins, and inspections.	\$665,882	\$92,068	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Kitchener, City of	Construction of a Skatepark in Upper Canada Park	Following the 2012 skatepark planning study recommendation to develop a facility in the Doon Pioneer community, a new skatepark is being constructed. The design has been worked on over several years with extensive engagement with the local community. The park will be a 'street skate' facility with a number of skate elements on a concrete pad at grade.	\$535,000	\$5,088	Ongoing
Recreation	Kitchener, City of	Breithaupt Centre - HVAC Replacement	<p>Breithaupt Community Centre is fully accessible, and one of Kitchener's most popular multi-use recreation facilities.</p> <p>Featuring a 25-yard pool, warm water pool, gymnasium, solarium, snack bar, and several rooms to accommodate events, the centre offers registered, drop-in and and 'pay as you play' programs, swimming lessons for all ages, recreational swims, and aquafitness classes.</p> <p>The building requires replacement of the existing conventional boiler with a more energy-efficient system.</p>	\$650,000	\$0	Ongoing
Recreation	Kitchener, City of	Roofing Replacements	<p>A number of recreation facilities have roof systems that are nearing the end of their useful lives. This project replaces roof assemblies based on condition assessments completed in 2016.</p> <p>Roofs are being replaced at the Boathouse, Victoria Hills community centre, the City Hall rotunda (used for community events), Doon Valley golf course club house, and the Kiwanis Park changeroom &amp; first aid building.</p>	\$1,908,003	\$503,964	Ongoing
Recreation	Kitchener, City of	Installation of Park Improvements	This project is for infrastructure improvements to parks, trails and open spaces across all ten wards based on community direction. This includes improvements to the playground in Fenwick Park, the skatepark in Upper Canada Park, the open space in Mike Wagner Green, and Highland Courts Park.	\$562,500	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Kitchener, City of	Replacement of Sportsfield Infrastructure	The city is undertaking prioritized infrastructure improvements at 22 ball diamonds and multi-use fields within 13 park locations throughout the city including bleacher replacement and expansion, replacement of goals and netting, fencing replacements (including backstops, safety fencing, players benches and dugouts), and site accessibility improvements (including new concrete and stone dust pavement).	\$1,000,000	\$485,432	Ongoing
Recreation	Kitchener, City of	Replacement of Four Park Bridges	Funding will be used to remove and replace 4 bridge structures in 3 locations. Victoria Park pedestrian bridge will be replaced due to its condition and functionality. Montgomery Creek pedestrian bridge is a strategic replacement to increase service levels to trail users. Lynnvalley Park has two bridges that need to be replaced. One bridge will be removed and consolidated with the replacement of the other to increase service levels to the trail users.	\$650,000	\$128,046	Ongoing
Recreation	Kitchener, City of	Splash Pad Replacement in Vanier Park	The splash pad at Vanier Park requires replacement due to its age and condition. The park is one of three providing services to a community at need - a dense population with several multi-residential rental buildings. Residents in this area rely heavily on the three parks for recreational opportunities. Many residents additionally lack access to reliable air conditioning; water play and splash pads provide critical relief in periods of summer heat.	\$300,000	\$0	Ongoing
Recreation	Kitchener, City of	Woodside Park Improvements	Localized artificial turf replacement (non routine full carpet replacement in target areas), construction of an additional exit to Highland Road and improvement to the existing parking lot.	\$162,048	\$155,611	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Kitchener, City of	South Kitchener District Park Development	The South Kitchener District Park (now called the RBJ Schlegel Park) is a 17 ha land parcel that will house a dual artificial turf multi-use sportsfield with lighting, a single artificial turf multi-use sportsfield, and one unlit cricket pitch. The park will feature community park components such as hard courts (tennis, basketball, multi-use), a central washroom/changeroom, splashpad, playground, pedestrian pathways, shade structures and passive open space.	\$22,346,370	\$0	Ongoing
Recreation	Mississauga, City of	Water Heater Replacement at Erin Meadows Community Centre	This project is for the replacement of two gas-fired domestic hot water heaters serving the community centre and library. Both are at the end of their useful lifetimes and are being replaced with condensing boilers that operate at 96% efficiency. These new water heaters will serve the two facilities for another equipment life cycle.	\$287,100	\$0	Ongoing
Recreation	Mississauga, City of	Installation of Park Benches/Solar Park Benches	Detail design of new bench locations, concrete pads and the installation of solar or standard park benches along key park pathways for full accessibility. Benches are being installed to promote community outdoor activities, rest areas in parks, and assist with healthy lifestyles and well-being. Solar benches are being installed at four park locations. Park benches are being installed at 12 park locations.	\$168,000	\$0	Ongoing
Recreation	Mississauga, City of	Playground Swing Installations at Promenade Meadows Park	Supply and installation of additional swing frame and swings at the exiting playground site to provide more facilities at the park for the community.	\$16,000	\$0	Ongoing
Recreation	Mississauga, City of	Installation of Water Bottle Filling Stations in Three Local Parks	Supply and installation of water bottle filling stations at existing park washroom buildings in Westacres Park, Lake Aquitaine Park, and Meadowvale Sports Park. Connections are being made to the exiting mechanical infrastructure and attached to the exterior of the building. Stations will be open for public use throughout the spring, summer, and fall months and will help the City achieve its objective of reducing plastic water bottle waste and improve services delivered to residents.	\$90,000	\$3,579	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Mississauga, City of	Construction of a Multi-Purpose Court	Construction of a combined Basketball/Pickleball/Ball Hockey - Multi-Purpose Court at West Credit Secondary School. This facility will provide an outdoor multi-use recreational court within the Meadowvale Neighborhood District in Recreational Area 1 that otherwise wouldn't be available for residents. This also satisfies Recommendation 41 of the CMS Future Directions Master Plan, increasing the provision levels within the planning district.	\$100,000	\$0	Ongoing
Recreation	Mississauga, City of	Bicycle Rack Installation at Three Recreation Facilities	The project involved the manufacture, supply and installation of custom bike racks at three park locations in the Malton community (near the Malton Library, Paul Coffey Malton Arena, and Malton Victory Hall). The provision of these facilities satisfies objectives within the Northeast Recreational Planning District 3 related to recommendations for bicycle parking at key Malton recreational destinations as identified in the 2019 Cycling Master Plan Update.	\$50,000	\$0	Ongoing
Recreation	Mississauga, City of	Floor Replacement at Vic Johnston Community Centre	The rubber floor in the arena at Vic Johnston Community Centre is being replaced to improve patron accessibility and safety.	\$100,000	\$89,345	Ongoing
Recreation	Mississauga, City of	Design and Installation of Park Trail Lighting at Old Ridge Park	This project involves the design and construction of additional LED park trail lighting to meet park trail lighting standards and provide safe community pedestrian travel route.	\$50,000	\$4,427	Ongoing
Recreation	Mississauga, City of	Design and Construction of Streetsville Village Hall Pollinator Garden Stairs	This project involves the design and construction of concrete stairs to provide public access to the Streetsville Pollinator Garden at Streersville Village Hall.	\$28,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Mississauga, City of	Design and Construction of New Pool, Fitness Centre and Multipurpose Community Rooms	Project objective is to improve existing infrastructure and programming with the design and construction of a 43,000 sf addition that incl. a 25m 6-lane pool, equipment based fitness centre and studio, community rooms and ancillary spaces. Scope also incl. renovating approx.65,000sf of existing building to upgrade finishes, and mechanical and electrical equipment to new energy efficiency standards. The project will also prepare the building for the future installation of photovoltaics.	\$33,100,000	\$0	Ongoing
Recreation	Mississauga, City of	Installatiion of Fitness Equipment at Various Parks	The project involves detailed design, safety surfacing and the installation of fitness equipment clusters and fitness benches along key park pathways for full accessibility. The project includes safety surfacing with approved engineered wood fibre. Fitness clusters and benches programs are to be installed to promote community outdoor fitness and support healthy lifestyles and well being.	\$330,000	\$0	Ongoing
Recreation	Mississauga, City of	Design and Installation of Shade Structures at Various Parks	This project involves the design and construction of structural concrete pads to support installation of tensile fabric shade structures. Seating will also be provided to allow for shade protected family or community events and gatherings.	\$330,000	\$0	Ongoing
Recreation	Mississauga, City of	Design and Reconstruction of Parking Lots at Cordingley Park and Forest Park	This project involves the design and reconstruction of granular parking lots at Cordingley Park and Forest Park. The Project includes adding asphalt paving, line work and parking curbs at these community parks to provide improved service and control for park users.	\$188,000	\$43,289	Ongoing
Recreation	Mississauga, City of	Install New Parking on Northwest Playground of the Streetsville Cadet Centre and New Fence	The project will construct a parking lot on a site that is currently a field. The parking lot will include a minimum of 28 parking spaces and will increase the capacity of parking for the Streetsville Cadet Centre, a City of Mississauga Facility. Project includes: grading, paving, curbs, drainage, lighting, painting, fencing and lighting.	\$247,500	\$200,882	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Mississauga, City of	Design and Construction of a Park on Eglinton Ave W	The City's goal for this project is to design and construct an innovative, environmentally responsive, all season community park that effectively integrates park amenities, facilities, and infrastructure with the unique natural features of the site.	\$250,000	\$0	Ongoing
Recreation	Mississauga, City of	Park Improvements at Jon Clipperton Park and Streetsville Memorial Park	<p>This project involves supply and installation of shade picnic tables at P-512 Jon Clipperton Park which are fixed on site on a newly constructed surface.</p> <p>Also, this project involves installing park name and entry signage together with facility signage supported with wayfinding signage amongst the facilities. All signage is permanent and fixed on site. The park offers a minor soccer field, lit softball diamond, batter's box, Vic Johnston Arena and community centre, nature trails and others.</p>	\$63,000	\$24,236	Ongoing
Recreation	Mississauga, City of	Design and Construction of Two Community Spray Pads and a Container Washroom at Various Locations	This project involves the design and construction of two spray pads and surrounding landscape renovations at two community parks (namely Lisgar Green Park and Jim Murray Community Park) and the supply and installation of a modular container washroom at Tobias Mason Park to provide service for high volume of park users.	\$1,513,000	\$5,596	Ongoing
Recreation	Mississauga, City of	Replacement of the Hydronic Convactor Heating System at Paul Coffey Malton Arena	Replacement of the hydronic convactor heating system involves replacement of the boiler, change room unit heaters and convectors on the first and second floor mezzanine level. The boiler will be replaced with a more energy efficient unit. The change rooms will have working unit heaters that will increase the comfort level of those using the facility.	\$270,000	\$52,316	Ongoing
Recreation	Mississauga, City of	Mechanical System Upgrades and Roof Renewal at Frank McKechnie Community Centre	<p>The project consists of completing various upgrades to mechanical equipment servicing the pool (e.g., pumps, heat exchangers, and hot water tank).</p> <p>The project also includes renewal/replacement of the building's roof.</p>	\$1,355,900	\$41,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Mississauga, City of	Replacement of the Roof and Walls at Tomken Twin Arena	This project involves the replacement of the roof and walls as there are signs of water/air infiltration within the building envelope. This will improve the performance of the roof and wall assembly which will help reduce heat loss inside the building.	\$384,800	\$117,454	Ongoing
Recreation	Mississauga, City of	Roof Renewal at Huron Park Recreation Centre	Replacement of the 23,000 sq. ft. flat roof of Huron Park community centre with two ply membrane roof.	\$421,582	\$4,468	Complete
Recreation	Mississauga, City of	Replacement of Pool Infiltration Equipment at River Grove Community Centre	Lifecycle replacement of pool filtration equipment including associated piping, valves, filter tanks and sand replacement for the hot tub and main pool.	\$254,500	\$0	Ongoing
Recreation	Mississauga, City of	Renewal of Mechanical Systems at the SportZone	Complete design, coordination, and construction work for the sanitary and storm sump pumps at the Sportsplex.	\$131,700	\$65,033	Ongoing
Recreation	Mississauga, City of	Replacement of Various Existing Rooftop Equipment and Portion of Existing Roof at Malton CC	Replacement of rooftop HVAC units (2, 3, 4, 6, 7, 8, 10 and MA-RTU 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, and 11) at Malton Community Centre.	\$2,051,100	\$234,048	Ongoing
Recreation	Mississauga, City of	Ice Rink Pad, Swimming Pool and Mechanical Systems Renewals at Clarkson Community Centre	Replacement of RTU-7 and RTU-8, the concrete floor, vapour barrier, insulation, cold floor header stands, underfloor headers, rink piping and brine charge, brine pump and starter and brine charge, backer and dasher boards, brine header piping, 2-15 hp and 2-20 hp pumps and motors (with larger size impellers and 1800 rpm), existing secondary refrigerant (brine) pumps (with variable frequency drives), and ice plant sequence modifications.	\$2,530,400	\$660,573	Ongoing
Recreation	Mississauga, City of	Mechanical Systems and Control Renewals at Iceland Arena	Installation of a new hot water supply line for ice resurfacing equipment, replacement of heating boilers circulation pumps, existing ice plant glycol pumps (with a newer model compatible with BAS), building heat pumps fluid cooler (with a similar single fluid cooler), ice rinks refrigeration system cooling tower (with a similar single cooling tower), installation of new refrigeration BAS controls c/w new VFDs and sequence of operations for glycol pumps and cooling tower.	\$1,731,100	\$465,932	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Mississauga, City of	Replacement of Air Handling Units at Erin Meadows Community Centre	<p>Replacement and upgrade of two existing and ageing Air Handling Units (AHUs) that serve the pool areas of the Erin Meadows Community Centre.</p> <p>Project activities include retaining an Engineering Professional to produce the design and construction documents and then procuring a General/Mechanical contractor to provide the required construction services.</p> <p>The expected outcome will be new AHUs that will be more reliable in serving the community centre.</p>	\$1,166,000	\$18,143	Ongoing
Recreation	Mississauga, City of	Rink Pad and Boards Replacement, Building and Accessibility Improvements at Erin Mills Twin Arena	This is an infrastructure lifecycle replacement project. Work involves replacement of the ageing concrete flooring, in-floor refrigeration piping loops, and dasher boards for two ice rinks, and building and accessibility improvements (i.e., replacement of arena entrance doors and 2nd floor viewing glass).	\$3,123,200	\$55,949	Ongoing
Recreation	Mississauga, City of	Design and construct Northwest Sports Park	Design and construct infrastructure and facilities for destination sports park in Churchill Meadows (Phase 1).	\$14,416,046	\$0	Ongoing
Recreation	Mississauga, City of	Design and Construction of Indoor Recreation Space at Churchill Meadows	Design and construction of the North West Community Centre building (Churchill Meadows Community Centre).	\$18,669,158	\$0	Ongoing
Recreation	Mississauga, City of	Renewal of Mechanical Units at Six Arenas and Community Centres	This project involves the replacement of existing heat pumps with roof top units at River Grove Community Centre, Paul Coffey Arena, Iceland Arena, Meadowvale Four Rinks, Tomken Arena, and Erin Meadows Community Centre and Library as well as refrigeration retrofit at Erin Mills Twin Arena. The replacements improve service maintenance access, operating efficiency and temperature control, and result in energy cost savings.	\$3,796,000	\$952,581	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Mississauga, City of	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.	\$575,686	\$0	Complete
Recreation	Mississauga, City of	Roof Replacements on Three Club Houses and Community Centre with Swimming Pool	Roof replacements at two club houses - BraeBen and Woodhurst Heights - and River Grove Community Centre and Swimming Pool.	\$765,277	\$291,015	Ongoing
Recreation	Mississauga, City of	Elevator Renewals at Five Community Centres and Arena	Critical elevator replacements due to asset deterioration and to meet accessibility requirements at Burnhamthorpe Community Centre, Clarke Memorial Hall, Clarkson Community Centre, Huron Community Centre and Erin Mills Twin Arena.	\$2,680,000	\$1,178,065	Ongoing
Recreation	Mississauga, City of	Design and Reconstruction of Sports Fields and Playgrounds	This project involves reconstruction of the Fallingbrook Community Park soccer field, reconstruction of the artificial turf soccer field fencing at Huron Park, reconstruction of the asphalt playing surface at tennis courts in Deer Wood Park, Westacres Park and Bruce Reynolds Park, and replacement of the playground equipment and landscaping at Mississauga Valley Community Centre.	\$1,507,093	\$672	Ongoing
Recreation	Mississauga, City of	Full Multi-Use Trail and Pathway Reconstruction in Seven Parks	This project involves the full reconstruction of 3,600 m of multi-use trails and pathways in 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.	\$894,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Mississauga, City of	Replacements and Improvements at Streetsville Memorial Park, Clarkson Community Centre, etc.	Replacement and Improvements at Parks and Community Centres: Emergency Shelters at Grove CC, Clarkson CC and Malton CC, Roof Replacements at Vic Johnson Arena, Clarkson CC. Replacement of core infrastructure/ facilities essential to park operations that have reached the end of their lifecycle including: Playground redevelopment; Tennis Court Reconstruction; and Park facility rehabilitation. Credit Meadows Park Expansion-includes multi-use trails, park trails, playground, entrance improvements.	\$20,762,758	\$200,555	Ongoing
Recreation	Niagara Falls, City of	Construction of Millennium Trail - Section 5	Construction of the Millennium Trail Section 5 along the north side of the OPG Corridor between Dorchester and Drummond Roads. Work involves an asphalt pedestrian / cycle track with connections to Section 6 and Section 1, as well as fencing.	\$2,492,000	\$913,186	Ongoing
Recreation	North Frontenac, Township of	Harlowe Community Hall Renovations	Harlowe Community Hall water proofing upgrades, involving the eaves trough, rainwater gutter with downpipes, excavating the perimeter basement walls to repair cracks in-fill any unused openings, applying a damp-proofing coating over the exterior face of the below grade walls, installing drainage tile at the base of the wall, drainage layer over the exterior face of the walls, backfilling the excavation and replacing shingles.	\$65,018	\$65,018	Complete
Recreation	Orangeville, Town of	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.	\$10,000	\$8,622	Complete
Recreation	Oshawa, City of	Fenelon/Venus Park Redevelopment	To replace playground equipment and safety surfacing and site furnishings, upgrade playground path to meet Accessibility for Ontarians with Disabilities Act (A.O.D.A.) compliance, and to add tree plantings and naturalization areas in Fenelon/Venus Park.	\$250,000	\$11,341	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Oshawa, City of	Cordova Valley Park Redevelopment	To replace playground safety surfacing, site furnishings and existing parking lots, upgrade the recreational trail to meet Accessibility for Ontarians with Disabilities Act (A.O.D.A.) compliance, and to add an off-leash area, tree plantings and naturalization areas in Cordova Park.	\$690,000	\$19,136	Ongoing
Recreation	Oshawa, City of	Alexandra Park Infrastructure Improvements	Replacement of the existing path parkway including pathway drainage and new LED lighting resulting in 300 m of reconstructed asphalt pathway.	\$358,531	\$358,531	Complete
Recreation	Oshawa, City of	Pinecrest Park Redevelopment	To replace playground equipment, safety surfacing and site furnishings, upgrade playground paths to meet Accessibility for Ontarians with Disabilities Act (AODA) requirements, and to add trees and naturalization areas in Pinecrest Park.	\$222,636	\$18,131	Ongoing
Recreation	Owen Sound, City of	Mile Drive Trail Resurfacing	Mile Drive Trail is a popular and heavily used link within Harrison Park for walking, fitness and leisure. In accordance with the City's Recreation Trails Master Plan and the Multi-Year Accessibility Plan, the City is resurfacing 550 m of this trail with asphalt to improve accessibility, reduce ongoing maintenance and improve year round access for park visitors and persons using the trail as a link to access other parts of the City's trail network.	\$100,000	\$0	Ongoing
Recreation	Perth, Town of	Construction of a Pump Track	<p>The installation of the pump track at Conlon Farm is a great example of community partnership. The Town partnered with a local kids' sports organisation called the Perth Firedawgs to complete the project. The Firedawgs presented the idea to Council and raised 50% of the funding; the Town provided the other 50%.</p> <p>The track has proven extremely popular. It provides a much needed outdoor socially distanced activity for kids of all ages, is open all day, every day - and is constantly in use.</p>	\$105,200	\$50,611	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Peterborough, City of	Evinrude Centre Roof and HVAC Replacement	The flat roofs, sloped metal roofs and rooftop HVAC equipment at the Evinrude Centre have exceeded their life span and need to be replaced. The project at the Evinrude Centre was designed in 3 phases. Phase 1 is for the replacement of all flat roofs and rooftop HVAC equipment (2020). Phase 2 is for the replacement of the North Pad sloped roof (2021) and Phase 3 is for the replacement of the South Pad sloped roof (2022).	\$4,000,000	\$1,462,095	Ongoing
Recreation	Pickering, City of	Recreation Complex Main Flat Roof and Skylight Replacement	Partial roof replacement work specified for roof areas 1.1,1.1A, 1.1B, & 11.01A. Skylight replacement includes lifecycle replacements for 35 skylights located over the main lobby and mezzanine spaces in the Rec. Complex. Work also includes curb and insulation. This project will extend the lifecycle of the entire roof by approximately 5 years.	\$147,940	\$135,640	Complete
Recreation	Pickering, City of	Rink 1 & 2 Refrigeration Plant Rebuild at Don Beer Arena and O'Brien Arena Header Replacement	Rink 1 & 2 Refrigeration Plant Rebuild - Lifecycle replacement of aging equipment in the refrigeration plant serving rinks 1 and 2 at Don Beer Arena, including the chiller, condenser, dual brine pump, assorted piping and other related system components and controls. Selective demolition may be required to access the room from the building exterior.  O'Brien Arena Header Replacement - Lifecycle replacement of existing warm and cold headers in the O'Brien Arena.	\$613,729	\$2,340	Complete
Recreation	Pickering, City of	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.	\$258,958	\$44,161	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Pickering, City of	Civic Complex, Brougham and Claremont Community Centres Rehabilitation and Retrofits	Retrofit of equipment at the Civic Complex, Brougham Hall, and Claremont Community Centre. Work at the Civic Complex involves replacement of the supply and return fans serving the main lobby area on both floors and backup boilers. Retrofits at Brougham Hall and the Claremont Community Centre involve light fixture replacements.	\$380,000	\$68,189	Ongoing
Recreation	Port Colborne, City of	LED Lighting Retrofit at the Vale Health and Wellness Centre	An LED lighting upgrade was completed at the City's recreation complex, the Vale Health and Wellness Centre. The Centre houses the City pool and gymnasium as operated by the YMCA, and a twin pad ice rink.	\$32,779	\$32,779	Complete
Recreation	Quinte West, City of	Waterfront Trail Construction	The project involves the construction of a paved multi-use trail linking the City's existing Riverfront Trail (along the Trent River) to the existing Millennium Trail (a 49 km gravel trail system and former rail bed that stretches from Quinte West to Prince Edward County). The trail includes lighting, areas for group activities and outdoor exercise equipment.	\$1,338,603	\$303,309	Complete
Recreation	Richmond Hill, City of	Elgin Barrows Arena - HVAC System Improvements	This project is for the engineering design and replacement of three rooftop air handling units, the dehumidification unit serving both ice rinks and recertification of a few existing code violations, which were identified in a building assessment completed this year. Additionally included in this project is a review of the possibility of making provisions for the HVAC system to allow the east pad to operate all year round.	\$1,460,000	\$46,183	Ongoing
Recreation	Richmond Hill, City of	Elgin West Community Centre - HVAC Replacement	This project is for the engineering design and replacement of nine rooftop air handling units, the primary heating pumps, and sump pumps, all of which were identified in a building assessment completed in December 2018, as being past their useful service life.	\$1,865,000	\$98,090	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Richmond Hill, City of	Richvale Community Center Roof/Mechanical Replacement	The building has been experiencing roof failures over the past years and roof repairs have been ongoing. The different roof assemblies are similar in age and have reached their life and performance expectancy. The objective is to replace all the roof assemblies identified in the design documents and during the roof replacement project, replace the older roof top mechanical units with more energy efficient units.	\$1,600,000	\$385,467	Complete
Recreation	Richmond Hill, City of	Renovation of Rouge Woods Community Centre to add a Multi-Purpose Gymnasium	Renovation of Rouge Woods Community Centre to convert under utilized space into a multi-purpose gymnasium.	\$1,052,000	\$91,142	Complete
Recreation	Richmond Hill, City of	Ed Sackfield Arena Twinning	An ice pad is being added in Richmond Hill, providing better options to be active and involved.	\$28,840,525	\$89,735	Complete
Recreation	Sault Ste. Marie, City of	Construction of Community Recreational Space in Downtown Sault Ste. Marie	The scope of the project is to develop a downtown plaza in an effort to revitalize the downtown, provide a space for community events/activity downtown year round and to created an overall gathering place for the community and tourists to enjoy. The plaza will include a splash pad, an outdoor skating rink, a Pavilion and stage, public art, play areas, benches, tables & chairs and several trees and flower beds with appropriate lighting to allow for evening use as well.	\$6,600,000	\$23,270	Ongoing
Recreation	Sault Ste. Marie, City of	Bellevue Marina-D-Dock and Gate Lock Replacement	The scope of this project involves the full replacement of the D-Dock at Bellevue Marina. The fingers on D-Dock are foam bats and were heavily saturated and their replacement as is, was not possible. D dock reached the end of it's useful life and repairs from our marine contractor were no longer sufficient to ensure proper flotation and rigidity of the dock and fingers.	\$394,000	\$365,757	Complete
Recreation	Sault Ste. Marie, City of	Greco Pool Filter System Replacement	The Greco Pool water filtration system is beyond it's useful life and needs to be replaced. Parts are no longer available. If the current system were to fail, the pool would not be able to operate.	\$32,000	\$14,071	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	South Dundas, Municipality of	Construction of a New Campground Building	Construction of a new campground building to serve the users of the Iroquois Municipal Campground, Iroquois airport, and recreation groups. Facility is to have an office, recreation space, bathrooms & showers, kitchen, & laundry facilities.	\$700,000	\$46,873	Complete
Recreation	South Frontenac, Township of	Gilmour Point Beach Pavillion	This park provides swim and day camp lessons and is heavily used by the public in the summer. Previously a trailer was rented to accommodate what was needed to provide swim and day camp programs. A pavilion is being built to provide change rooms and a washroom at this location along with safe shelters during storms.	\$450,000	\$265,830	Complete
Recreation	The Blue Mountains, Town of	Beaver Valley Community Centre Washroom Renovation	Renovations are being done on the original 35 year old washrooms in the main Community Center in the Town. The renovations include new flush valves, no touch facets, and lighting retrofits. Valves and faucets will be low flow and the light retrofits involve replacing the T-12 lights with T-5 fixtures and bulbs.	\$11,140	\$0	Complete
Recreation	Thunder Bay, City of	Sport Facility Upgrades to Baseball Diamonds, Tennis Courts, Soccer Fields and Bleacher Seats	Projects include improvements to soccer fields, baseball facilities and tennis courts as well as bleachers and benches for viewing. Improvements include scoreboards, dugouts, outdoor rinks, bleachers, benches and fencing. Work will renew assets which are available to citizens for recreational sport opportunities. A secondary benefit is improving the ability of the city to support events which attract tourists.	\$145,000	\$25,000	Ongoing
Recreation	Thunder Bay, City of	Centennial Park Adventure Playground Renewal and Smaller Park Renewals	Centennial Park Adventure Playground Renewal including design, landscaping, drainage, surfacing, play components, seating and shade structure. The purpose is to enhance and renew infrastructure to improve usage levels and encourage active citizens. Smaller parks are also being improved with enhancements to surfaces and playground equipment such as basketball nets, lighting and concrete rehabilitation.	\$846,080	\$91,718	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Thunder Bay, City of	Improvements to Baseball Diamonds, Tennis Courts, Soccer Fields, and Bleacher Seats	Projects include improvements to soccer fields, baseball facilities and tennis courts as well as bleachers and benches for viewing. Improvements include scoreboards, dugouts, outdoor rinks, bleachers, benches and fencing. Work will renew assets which are available to citizens for recreational sport opportunities. A secondary benefit is improving the ability of the city to support events which attract tourists.	\$147,900	\$0	Ongoing
Recreation	Thunder Bay, City of	Improvements to Playgrounds and Park Greenspace	This project involves enhancements to surfaces and playground equipment in 10 park locations throughout the City. The purpose is to enhance and renew infrastructure to improve usage levels and encourage active citizens. Examples of improvements are installing basketball nets, lighting and concrete repairs.	\$200,000	\$0	Ongoing
Recreation	Thunder Bay, City of	Park Improvements at Various Locations	This project involves enhancements to surfaces and playground equipment in various parks. The purpose is to enhance and renew infrastructure to improve usage levels and encourage active citizens.	\$588,500	\$58,374	Ongoing
Recreation	Thunder Bay, City of	Community Centre Facility Upgrades	Upgrading two washrooms to be fully accessible, as well as constructing one additional fully accessible washroom. Also involved are HVAC replacement and/or upgrade, installation of energy-efficient lighting, and the upgrade of a kitchenette area.	\$355,360	\$0	Complete
Recreation	Thunder Bay, City of	Construction of Splash Pad at North End Rec Centre	Build a Splash Pad at the North End Rec Centre recreation hub.	\$397,753	\$0	Complete
Recreation	Thunder Bay, City of	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.	\$582,700	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Thunder Bay, City of	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.	\$350,000	\$0	Complete
Recreation	Vaughan, City of	Playground Replacement and Improvement at Four Parks	The City is replacing play equipment and safety surfacing - and completing associated works - to meet current Canadian Safety Association guidelines. Play equipment is being replaced at Oakhurst Park, Reeves Park, Wade Gate Park, and Kiloran Park.	\$2,110,282	\$223,146	Ongoing
Recreation	Vaughan, City of	Glen Shields Park Redevelopment	Glen Shields Park is being redeveloped into an accessible public park and community hub with well-balanced passive and active facilities that will respect and enhance its valued natural assets and serve the community's needs. The redevelopment will address current grading, planting, maintenance and functional issues while improving the overall user experience and character of the park.	\$1,800,000	\$22,367	Ongoing
Recreation	Vaughan, City of	Maple Library and Community Centre Renovation	Maple Community Centre has been in operation since 1974/1994 (extension) and is in need of modernization. The City is therefore assessing the condition of the facility, gathering stakeholder and public input regarding services and functionality, and renovating the office and library.	\$6,272,037	\$176,103	Ongoing
Recreation	Vaughan, City of	Replacement and Upgrade of Pathways at Various Community Centres	The City is replacing and upgrading concrete pathways at Vellore Village Community Centre, North Thornhill Community Centre, and Dufferin Clark Community Centre. Work involves additional excavation and backfilling with granular.  Existing pathways are cracking, creating safety and accessibility concerns. Replacement and upgrade of the various deteriorated pathways are required to ensure their continued safety and accessibility to the community.	\$209,626	\$130,488	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Vaughan, City of	Playground Surfacing Replacement at Locations Across the City	Project scope of work involves replacement of playground equipment and safety surfacing to meet current Canadian Safety Association standards (CAN/CSA-Z614-07 R2012) at various locations (including Ramsey Armitage Park, West Cross Road Park, Sherwood Parkette, Wade Gate Park, Dufferin District Park, Aberdeen Parkette, Rosedale North Park and two additional sites for shade shelters).	\$433,076	\$378,127	Ongoing
Recreation	Vaughan, City of	Garnet A. Williams Community Centre Renovation	Modernization of the aging facility including work to ensure a state of good repair, equipment replacement, and sustainability/Building Code improvements (e.g., accessibility, energy efficiency).	\$5,770,000	\$444,986	Ongoing
Recreation	Vaughan, City of	Renewal of Parking Lots at Community Centres and Recreation Facilities	The project scope involves replacement of existing asphalt in parking lots at various community centres and sports facilities across the City (such as Maple Community Centre, Father Ermanno Bulfon Community Centre, Ontario Soccer Centre and Rosemount Community Centre).	\$750,000	\$130,612	Ongoing
Recreation	Vaughan, City of	Oakbank Pond Park Boardwalk Reconstruction & Walkway Rehabilitation in Multiple Parks	Replacement of deteriorating boardwalk including new railing, grading, site furnishing and associated works. Rehabilitation of walkways that have cracked or heaved representing a significant hazard to park users in several Parks.	\$1,045,787	\$55,704	Ongoing
Recreation	Wasaga Beach, Town of	Construction of a New Community Hub Twin Pad Arena and Library	Construction of a 117,000 square foot multi-purpose facility, with a twin pad arena and library as the core uses. The current single pad arena is at the end of its life cycle and the current library is under 5,000 sq ft, well below required capacity.	\$51,086,495	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Waterloo, City of	Expansion of Waterloo Memorial Recreation Complex	This project represents the expansion of the Waterloo Memorial Recreation Complex ("WMRC"), one of the City of Waterloo's recreational facilities. The project scope includes a new two-storey community pavilion on the west side of the property (28,000 sq. ft), civic front addition to the existing WMRC facility (additional 16,000 sq. ft), a fitness core, aquatic change room renovations, food service upgrades, site works, and other retrofit work for the existing WMRC facility.	\$32,016,844	\$5,215,096	Ongoing
Recreation	Wawa, Municipality of	Michipicoten Community Centre Arena Condenser Replacement	The main objective of this project is the replacement of the evaporative condenser, which is one of four critical parts of the refrigeration system at the Michipicoten Memorial Community Centre. Repair of the former unit was determined to be unfeasible, and replacement was the only option to avoid the shutdown of the arena and curling rinks. This project enables the community centre to continue providing recreational services to the public.	\$134,314	\$134,314	Complete
Recreation	Wellesley, Township of	Design and Construction of New Arena	This project is for a new arena from design to construction. This will entail designing a new regulation sized rink surface (for both ice and floor sports), seating for spectators, dressing rooms, meeting rooms for public use, walking track, a gym plus other recreational and sport uses. This site will potentially be the future home of the fall fair and the Apple Butter and Cheese Festival, both of which draw tourists from far and wide.	\$12,000,000	\$0	Ongoing
Recreation	White River, Township of	Overhaul of Arena Ice Infrastructure	This project involved the overhaul of a compressor and brine header. The overhaul added many years of longevity to each unit. This COVID year was the perfect time to have the work performed, as the only community arena was closed.	\$100,378	\$39,134	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Whitewater Region, Township of	Westmeath Arena Septic Tank Replacement	In late November of 2019, the Westmeath Arena experienced a septic back up. The tank was inspected and it was found that the septic field is failing. The tank was a 6,000 gallon tank. This project updates the failed septic system by installing a 10,000 gallon septic tank that satisfies the current building code. The Westmeath Arena acts as an ice rink in winter months, a hall all year around and as a community hub with pickle ball played in the non ice months of the year.	\$95,000	\$0	Ongoing
Recreation	Wilmot, Township of	Replacement of Playground Equipment at Optimist Park	Replacement of the old playground equipment at Optimist Youth Park in New Hamburg. The equipment was replaced due to the age of the playground.	\$88,842	\$88,000	Complete
Recreation	Wilmot, Township of	Installation of Playground Equipment at Constitution Park	Installation of additional playground equipment at Constitution Park in New Hamburg. Additional play features were installed as a result of feedback from staff and the public following the completion of works in 2019.	\$42,000	\$22,563	Ongoing
Recreation	Windsor, City of	Lakeview Park Marina Rehabilitation	Replacement of the docks at Lakeview Park Marina to floating docks. Dredging and the parking lot will be re-constructed.  Recently, higher than normal water levels have resulted in significant damage to the docks and as a result led to the closure of that section of the marina. The water levels combined with wind pushing the water on shore have lifted many of the wooden planks off their steel structures. The docks are currently unsafe for both staff and seasonal boaters to access.	\$6,267,000	\$418,000	Complete
Recreation	Windsor, City of	Playground Replacements at Parks Across the City	An independent audit of 132 play units in the City of Windsor park system was carried out to address compliance and potential safety issues. A list of 28 parks has been identified for playground replacement.	\$7,576,593	\$223,601	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Windsor, City of	Park Trails Capital Improvements	Replacement of approximately 400 metres of the Langlois Court multi-use trail including benches, lighting and drainage. The trail was originally constructed in the late 1980's and has reached the end of its useful life. The new path will be constructed to comply with AODA standards.	\$736,000	\$376,730	Ongoing
Recreation	Windsor, City of	Park Bridge/Shelter Improvements-Ojibway Boardwalk/Little River Corridor Bridge/Mic Mac Park Shelter	<p>Replacement of a 20+ yr. old boardwalk at the Ojibway natural pond - a critical link in the Ojibway trail system used for educational nature interpretation and programming - to improve accessibility and meet AODA standards.</p> <p>Refurbishment of Little River Corridor pedestrian bridges (decking, safety rails structural coatings and bridge abutments) consistent with the mandatory bridge inspection reports.</p> <p>Replacement of Mic Mac Park Picnic Shelter - a 40+ yr. old structure in our regional park.</p>	\$237,230	\$124,381	Ongoing
Recreation	Windsor, City of	Peche Island Bridge Improvements	The Peche Island bridge improvements includes the bridge rehabilitation to the deck sub-structure and abutments of the bridge bringing it back to its original condition. Partial and full depth upgrades to the concrete deck and railings will also be completed with a final water resistant sealcoat to be added at the end of construction.	\$656,250	\$30,550	Ongoing
Recreation	Windsor, City of	Renovation of Universal and Accessible Pool and Change Room Facility at Lanspeary Park	Renovate and retrofit Lanspeary outdoor pool and change room facilities in order to provide barrier-free access and expand existing year round programming. The facility change rooms were constructed in the 1960s and as such do not provide access that meets current Ontario Building code (OBC) Barrier Free Requirements nor the City of Windsor Facility Accessibility Design Standard (FADS). The existing vinyl-lined pool was built in 1950 and is long overdue for replacement.	\$960,300	\$5,000	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Recreation	Windsor, City of	Construction/Renovation of an Accessible Washroom/Change Room at Riverside Park	Complete renovation of the existing 326 sq m. building to meet current compliance with the AODA. Upgrades to the building will make the washrooms, change rooms, entrance ways and parking areas all accessible.	\$1,195,160	\$612,900	Ongoing
Recreation	Woodstock, City of	Cowan Park Multi Use Field Development	Redevelopment of an old, limited-use soccer field in poor condition into a multipurpose field for football, soccer and other activities. The multipurpose field will provide the Woodstock Wolverines Football Club with a usable field for their purpose.	\$370,000	\$200,000	Ongoing
Recreation	Woodstock, City of	Trail Development in Various Locations	Development of 2,500 m of new trails near Shanna Larsen Park to provide new recreation opportunities for citizens.	\$94,112	\$4,000	Complete
Recreation	Woolwich, Township of	Woolwich Memorial Centre Refrigeration Improvements	The primary objective of this project is to address a recurring significant health and safety concern. The existing ammonia/glycol plate and frame heat exchanger (HX) had failed (cracked plates and/or gaskets) eight times since 2015, resulting in dangerous ammonia leaks and costly repairs. The project involves getting TSSA approval to replace existing Heat Exchange equipment.	\$74,150	\$74,150	Complete
Regional and Local Airports	Hearst, Town of	Installation of Accessible Doors at the Airport	The Hearst Accessibility Committee has identified the lack of accessible amenities at the airport, including accessible doors. A new push-button door system was installed to meet provincial accessibility requirements.	\$7,988	\$7,850	Complete
Regional and Local Airports	Peterborough, City of	Airport Water and Sewer Upgrade	A water reservoir was constructed to meet fire regulation. This project involves the engineering and construction of water and sewer upgrades. Funds for additional fire regulation requirements have also been budgeted.	\$15,000,000	\$0	Ongoing
Regional and Local Airports	Wawa, Municipality of	Airport Aviation Gas Tank Replacement	The main objective of this project is the replacement of the underground fuel tank with an above-ground aviation gas tank. The older underground tank could not be inspected and the age of the tank could not be determined with certainty. The older tank was removed, and subsequent soil sampling confirmed that there was no environmental impact from the use or removal of the tank.	\$184,000	\$176,278	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Solid Waste	Assiginack, Township of	Assiginack Landfill Expansion on Sucker Lake Road	Existing landfill is reaching threshold of capacity. It requires an expanded land-filling footprint. All waste diversion efforts, including recycling and composting are in place but an expansion of the current site is favourable to locating a new site.	\$450,000	\$50,982	Ongoing
Solid Waste	Barrie, City of	Development and Implementation of a Downtown Waste Management Strategy	Development and implementation of a strategy to enhance the effectiveness of solid waste management in Barrie's downtown core with a focus on working with the BIA to better separate the commercial and residential waste streams in the downtown core that have previously presented challenges from a collection standpoint. This included the acquisition and installation of pilot infrastructure (specialized commercial waste bins) to support and enhance waste collection in the Lakeshore Mews area.	\$200,000	\$9,347	Ongoing
Solid Waste	Barrie, City of	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.	\$49,299,914	\$230,991	Complete
Solid Waste	Cornwall, City of	Landfill Leachate - Gas Collection	The landfill gas collection system collects gas under a vacuum and conveys it to the landfill gas flaring facility. The system is being relocated, expanded and upgraded to capture greenhouse gas emissions and odors caused by the decomposition of waste. This system expansion includes the construction and implementation of additional extraction wells to capture gas emissions and odors from a recently capped area [quadrant].	\$733,027	\$0	Ongoing
Solid Waste	Durham, Regional Municipality of	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.	\$223,005,095	\$8,912,100	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Solid Waste	Guelph, City of	Waste Management Diversion and Methane Collection Improvements	This project involves the addition of a second public drop off scale to improve the efficiency of the facility, including the segregation of loads and the reduction of materials transferred to landfill. Work includes equipment replacement and upgrades within the sorting facility to improve efficiency, capacity, and capture rate of recyclable materials. The project also involves additional investment in the upkeep of the methane capture system at the historical landfill site.	\$8,073,200	\$193,428	Ongoing
Solid Waste	Hamilton, City of	Acquisition and Replacement of Waste Diversion Containers	Waste diversion containers are required to maintain the City's waste programs for eligible properties. Containers are required for new properties and as replacement for damaged containers. Waste diversion containers include curbside recycling boxes (54,432), recycling carts (1,188), apartment recycling bags (6,000), green carts (8,539 large, 11,232 small) and kitchen organics mini-bins (3,960).	\$913,500	\$472,221	Ongoing
Solid Waste	Hamilton, City of	Central Composting Lifecycling Replacement	Replacement of the Central Composting Facility/Equipment for the processing of source separated organics including the replacement of the Supervisory Control and Data Acquisition System	\$740,000	\$238,381	Ongoing
Solid Waste	Head, Clara & Maria, United Townships of	Bissett Creek Landfill Expansion	There are only two active landfills in the Township and based on average deposition rates, it's estimated that both will close in 2030. To address the long-term needs of the Township beyond this period, a Consultant has been hired to give us advice on the expansion of our existing Bissett Creek waste disposal site and services to meet future needs. Based on their advice and MoE approval, expansion work is being undertaken.	\$39,541	\$0	Ongoing
Solid Waste	London, City of	Closed Landfill Management	Cell capping/restoration, ground water monitoring, well installation, and leachate and methane gas control measures at closed landfills. This project protects people and property, while complying with the Ministry of Environment and Climate Change criteria.	\$385,817	\$1,221	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Solid Waste	London, City of	Construction of Waste Disposal Cell 10 and Extension of On-Site Access Road to W12A Landfill	Project is for the construction of waste disposal cell 10 and extension of the on-site access road at the W12A Landfill. The approximately 6.2 hectare construction of Cell 10 (including the landfill base and leachate collection system) creates approximately 1,100,000 cubic metres of usable disposal capacity, which accommodates approximately 3.5 years of waste disposal operation at current landfilling rates.	\$4,624,838	\$4,452,573	Ongoing
Solid Waste	London, City of	Landfill Gas Collection	To design and construct the landfill gas collection system as new cells are constructed. Landfill gas collection is a key element of the W12A Odour Reduction Strategy. It is a regulatory requirement to collect and manage landfill gas generated at the site.	\$1,094,933	\$602,219	Ongoing
Solid Waste	London, City of	Development of a Landfill Gas Power Plant	Development of a 500 kilowatt landfill gas power plant at the W12A landfill with connection to the local power distribution system. Project is in the early stages. A consultant has been hired to undertake an air, odour and noise study.	\$4,000,000	\$0	Ongoing
Solid Waste	London, City of	Construction of Waste Disposal Cell 9 and Extension of On-Site Access Road to W12A Landfill	Project is for the construction of waste disposal cell 9 and extension of the on-site access road at the W12A Landfill. The approximately 6.2 hectare construction of Cell 9 (including the landfill base and leachate collection system) creates approximately 1,100,000 cubic metres of usable disposal capacity, which accommodates approximately 3.5 years of waste disposal operation at current landfilling rates.	\$5,146,236	\$0	Complete
Solid Waste	London, City of	Installation/Replacement of Waste Diversion Infrastructure	Install/replace waste diversion infrastructure works at EnviroDepots, Household Special Waste Depots, Material Recovery Facility including surface water control structures, fencing, retaining walls, etc. Works are required to stay in compliance with Environment Compliance Approval, meet regulatory requirements, and/or ensure residents have access to cost-effective diversion facilities. In 2017, this waste diversion infrastructure assisted with the diversion of approximately 72,000 tonnes.	\$266,800	\$1,323	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Solid Waste	London, City of	Replacement of Ancillary Infrastructure of W12A Landfill	Install and replace the ancillary infrastructure (e.g., onsite access roads, leachate pumping stations, stormwater management ponds, site perimeter fencing, etc.) of the W12A Landfill Site. Installations and replacements are required to maintain compliance with Environmental Compliance Approval for the Site. Cell #9 is under warranty period.	\$1,275,471	\$103,219	Ongoing
Solid Waste	London, City of	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 process approximately 75,000 tonnes per year of Blue Box recyclables and will serve the City and surrounding areas. Warranty upgrades to fire suppressant system is still outstanding.	\$22,459,660	\$233,715	Complete
Solid Waste	Markham, City of	Methane Gas Collector Upgrade	The upgrade to the Northern Header at German Mills Meadow and Natural Habitat will replace the pipes eliminating leakage in the system and mitigate the observed deficiencies in the landfill gas collection system. This improves the efficiency of the gas collection system ensuring that the methane produced by the waste in the landfill is captured and diverted from migrating onto private properties. The upgrade will extend the lifecycle of the system for another 25 years.	\$569,380	\$45,672	Ongoing
Solid Waste	O'Connor, Township of	Disposal Site Study	The Township of O'Connor is obtaining a Landfill Site Study to report information on volume, capacity, mapping, annual usage of the landfill site and the remaining lifespan of the site, along with reports outlining future closure and post-closure costs.	\$10,075	\$0	Ongoing
Solid Waste	Peel, Region of	Design and Construction of the Peel Renewable Natural Gas Centre (PRNGC)	Design, build, operate and maintain contract to develop an organics processing facility to manage the Region's green cart organics and produce renewable natural gas for a period of 15-20 years.	\$113,339,293	\$109,267	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Solid Waste	Peel, Region of	Upgrades to the Material Recovery Facility	Upgrades to the Material Recovery Facility will result in advancements to recovery technologies in response to increasingly rigorous quality standards from industries utilizing post-consumer recyclable materials. The upgrades include: the installation of 10 new optical sorters, a new OCC screen, new conveyors and a new ballistic separator. This project will improve flexibility in response to changing recyclable material composition.	\$23,929,561	\$4,918,301	Ongoing
Solid Waste	Smooth Rock Falls, Town of	Landfill Expansion	The project involves a landfill expansion project to extend the life of the town's landfill site. With the new recycling program introduced in October 2016 and when the expansion project is completed, the landfill site closure will be extended by 40 years plus. The current estimated closure for the site is 2 years. Also included is a review and completion of the 5 year monitoring report that is required by the Ministry of the Environment.	\$155,000	\$10,597	Ongoing
Solid Waste	The Blue Mountains, Town of	Winterization of the Leachate System	In 2019, Council approved the installation on a new leachate pre-treatment system due to significant odour and dangerous hydrogen sulphide levels. The system was tested on a small scale and found to be successful. Winterization was considered, but initially excluded to reduce costs and due to the system being unproven. Close to half of the annual leachate volume is moved from November to March. Winterization of heat tracing and insulation will prevent the system from freezing.	\$24,890	\$22,815	Ongoing
Solid Waste	Waterloo, Region of	Waterloo Landfill Pumping Station No. 3 (PS3) Replacement	The work includes the replacement of all equipment in the existing Pump Station No. 3 (PS3) and demolition of all existing PS3 structures, new electrical system, HVAC system and instrumentation and control panels, installation of PS3 valve chamber, inlet chamber, above-grade control building and new influent leachate piping connections to existing pump stations, replacement of two existing air release chambers, and testing and commissioning of all new equipment and controls.	\$4,021,400	\$2,127,219	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Sports	Ajax, Town of	Harwood South Soccer Pitch Improvements	Installation of new sports field lighting on an existing senior-size soccer field on Harwood Avenue South.	\$420,026	\$0	Ongoing
Sports	Hamilton, City of	Ancaster Soccer Improvements	Soccer field improvements at Ancaster Community Centre - central field. Upgrades include reconstruction of field surface, installation of irrigated national grass, new goal posts, relocation of player benches, shifting the field, and relocating lights. The field is additionally being named the Melissa Tancredi soccer field after Ancaster native and three-time Olympian, Melissa Tancredi.	\$390,000	\$104,775	Ongoing
Sports	Niagara, Region of	2021 Canada Summer Games Park Legacy Project	Canada Games Park is envisioned to occupy a building footprint in the range of 155,000 square feet and contain roughly 180,400 square feet of space on two levels. Uses / facilities to be included in the Facility are: A twin pad arena, a quad gym, a regional centre for the Canadian Sports Institute, Health and Wellness Centre, 400 metre running track, beach volleyball facility, open air bike pavilion, and an area for jumping/throwing athletics.	\$23,386,786	\$0	Ongoing
Sports	Thunder Bay, City of	Improvements to Sports Facilities at Various Locations	Projects include improvements to Golf, Soccer fields, Baseball facilities and tennis courts as well as bleachers and benches for viewing. Work will renew assets which are available to citizens for recreational sport opportunities. A secondary benefit is improving the ability of the city to support events which attract tourists.	\$756,155	\$0	Complete
Sports	Vaughan, City of	Tennis Court Reconstruction at Three Parks	The City is reconstructing existing tennis courts at Kiloran Park, Wade Gate Park, and Napa Valley Park. Work involves replacement of existing asphalt and perimeter fencing with new acrylic surfacing and fencing. The project is critical to ensure the safety of our community for outdoor activities.	\$1,200,000	\$320,165	Ongoing
Sports	Vaughan, City of	Vaughan Grove Sports Park Artificial Turf Replacement	Project scope involves replacement of artificial turf surfacing and associated improvement works on the soccer field at Vaughan Grove Sports Park.	\$1,690,000	\$1,593,861	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Sports	Vaughan, City of	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.	\$580,000	\$0	Complete
Sports	Warwick, Township of	New Baseball Diamond	Council is building a new baseball diamond to accommodate a new community hall. Sports is one of the hubs of the Township and by having a two ball diamond complex, it allows for the various leagues to use the diamonds during the week and teams being able to host tournaments on the weekend. These visiting teams stimulate tourism in the community.	\$741,280	\$374,317	Complete
Sports	Windsor, City of	Construction of a New Parking Lot at Riverside Park	Complete construction of a new 76 space parking lot at Riverside Minor Baseball Park including walkways to the existing park facilities.	\$350,000	\$296,450	Ongoing
Sports	Windsor, City of	Replacement of Lighting at Mic Mac Park	Removal and installation of lighting at Cullen Field ball diamond at Mic Mac Park. The existing lighting no longer meets the standards required to host major tournament play and is in need of replacement with more energy efficient fixtures.	\$843,750	\$171,350	Complete
Tourism	Barrie, City of	Allandale Historic Train Station Development	The Allandale Station buildings are a significant City of Barrie heritage asset and their final restoration and use is an important strategic initiative for the City. This project completes the basic level of interior construction to facilitate occupancy of the Passenger Depot and Dining Hall as well as the level of site development required to support activities in the buildings and on the site.	\$4,800,000	\$0	Ongoing
Tourism	Casselman, Municipality of	Municipal Entrance Signage Improvements	Construction of a new municipal sign with planter. This sign is the first thing that visitors see when driving in to our community. Installation of this new sign encourages those visitors to explore our community and support our local businesses	\$20,000	\$8,145	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Tourism	Casselman, Municipality of	Improvements to the Tourism Information Center	We rebuilt the entire parking and access road area. We are able now to provide a safe and accessible path to the tourism information center and to provide parking space to travel buses and visitors.	\$35,000	\$21,593	Complete
Tourism	Hearst, Town of	Gilles Gagnon Welcome Center Roof Replacement	Gilles Gagnon Welcome Centre welcomes more than 7,000 tourists and hundreds of residents every year, and provides information regarding the many activities and services available in our community. It is known for its unique roof shaped as a conifer tree with a front wall designed as a saw cutting into the building as it pays homage to the primary industry of the region. The original roof was past its useful life and water was infiltrating into the building. The roof was therefore replaced.	\$65,000	\$22,216	Ongoing
Tourism	Mattawa, Town of	Mattawa Travel Information Centre Rehabilitation/Replacement	The Mattawa Travel Information Centre is a beautiful log building built in 1992. After 25+ years of weather abuse, this wooden building is showing its age and needs to be cared for. This project involves the renovation and/or replacement of the main floor tiles, windows in the vestibule, window sills, bottom log of the building, roofing improvements, and the application of log building preservative treatment.	\$20,000	\$0	Ongoing
Tourism	Mississauga, City of	Design and Construction of Streetsville Village Entry Sign on Main St	This project involves the design and construction of the Streetsville Village main entry sign and surrounding garden on Main Street. The Streetsville sign is a Village gateway sign signifying that you are entering the Village of Streetsville. It is to be located in P-114 Streetsville Memorial park just back from Main Street (at the north end) and is meant to be a tourist marker for the village.	\$80,000	\$4,929	Ongoing
Tourism	Mississauga, City of	Banner Pole Installation - Streetsville Ward 11	Installation of two concrete or decorative poles that can support a crossroads banner with prefabricated holes or hanging tools. These banners will be used for Streetsville events (e.g., Bread and Honey, Santa Claus Parade). Poles are being installed on opposite sides of Queen St, just north of Ontario St.	\$15,384	\$15,384	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Tourism	Mississauga, City of	Sign Installation - Malton BIA - Mainstreet Revitalization	This project involves supplying and installing a new MALTON sign as part of the Main Street Revitalization Initiative. The initiative will help support small businesses through the beautification of main streets in the Malton Business Improvement Area (BIA) district.	\$453,590	\$0	Ongoing
Tourism	Mississauga, City of	Build and Install a Full-Size Replica of the Avro Arrow at Paul Coffey Park	This project involves the building and installing of a full size replica of the Avro Arrow to honour Malton's aviation history and commemorate a Canadian designed and built supersonic jet. The Malton BIA shall be entirely responsible for the fabrication of the replica and installation according to the terms of a Design and Development Agreement with the City of Mississauga.	\$2,200,000	\$289,000	Ongoing
Tourism	Red Rock, Township of	Red Rock Marina Revitalization	Docks, lighting dock surfaces, slip, dock flotation and water transportation entrance will be upgraded at the Red Rock Marina. Scope of the project includes dock surface board replacement with composite skid free planking, replacement of slip and dock floats, and replacement of lighting infrastructure on the marina break wall.	\$90,200	\$0	Ongoing
Tourism	Red Rock, Township of	Development of an RV Park	The Township relies heavily on tourism as our only industry shut down in 2006. We have developed our waterfront and marina over the last two decades and are developing an RV Park.	\$3,500,000	\$0	Ongoing
Tourism	Thunder Bay, City of	Construct Market Square with Curb/Gutter and Surrounding Concrete Sidewalks	This project invests in tourism infrastructure attracting multi-cultural tourists of all ages across North America for multiple events held at the Marina Waterfront. Project involves a new bbq area, 14 Light Poles, tables and umbrellas, 4 Power Pedestals supporting food trucks or sound systems. Also includes directing stormwater into a planted LID, as well as decorative festoon lighting, curb/gutter, 25m of 250mm Storm Sewer and surrounding 170m <sup>2</sup> concrete sidewalk.	\$677,230	\$92,793	Ongoing
Tourism	Thunder Bay, City of	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.	\$1,606,420	\$123,002	Complete

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Wastewater	Ajax, Town of	Installation of Waterfront Rain Gardens	To improve the quality of the stormwater discharging to Lake Ontario, a reduction in stormwater runoff and improvements to water quality through filtration/infiltration systems will be implemented through installation of waterfront rain gardens.	\$462,228	\$17,571	Ongoing
Wastewater	Ajax, Town of	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.	\$824,043	\$0	Complete
Wastewater	Alfred and Plantagenet, Township of	Flushing and Inspecting Sanitary and Storm Sewers	Flushing and inspecting by camera the sanitary and storm system on St-Paul, St-Mary, St-John, St-Victor, St-Placide, Laniel, Albert-Lamarche and Landriault. This work is required to provide information on the underground infrastructure prior to paving the streets.	\$21,724	\$21,724	Complete
Wastewater	Atikokan, Town of	Sewage Treatment Plant Upgrades	This project is for the engineering and upgrade of the sewage treatment plant. Work involves the replacement of the grit screw and sluice gate to minimize maintenance costs and to increase the capacity of the treatment plant while also reducing the risk of failure. This project was done in conjunction with a UV conversion project which has eliminated the need for chlorine treatment.	\$408,293	\$250,000	Complete
Wastewater	Barrie, City of	Maintenance of Two Stormwater Ponds	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 requirement.  Two dry ponds were cleaned to extend the life of the facilities and further reduce the risk of flooding for nearby neighborhoods.	\$523,986	\$125,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Barrie, City of	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.	\$1,142,520	\$0	Complete
Wastewater	Barrie, City of	Essa Rd Right of way Replacement & Hotchkiss Creek Expansion - Anne to Gowan St	Removal and replacement of the sanitary sewer system, the removal and increasing size of the storm sewer system and the replacement of some domestic water services. The existing storm sewer ranged from 450mm to 600mm in diameter and was replaced with storm sewer ranging in size from 1200mm in diameter to a box 2400mm by 1500mm.	\$3,093,672	\$0	Ongoing
Wastewater	Barrie, City of	Construction of New Stormwater Pond on Dyments Creek	Construction of a new storm water management facility (pond) on Dyments Creek north west of the Dunlop Street West and Ferndale Drive intersection to provide storm water quantity and quality treatment to mitigate downstream flooding.	\$489,476	\$29,079	Ongoing
Wastewater	Barrie, City of	Construction of new Drainage Outlet on Albert Street	Construction of a storm sewer to handle major storm flows from Albert Street to reduce flooding on private property along with approximately 125 m of storm sewer to capture flows from Albert Street at Amelia and convey them to Theresa street storm sewer which is replaced as part of a separate project.	\$1,848,029	\$0	Ongoing
Wastewater	Barrie, City of	Lover's Creek LV4, LV5 and LV6 Wastewater Pond Retrofits	This project includes three pond retrofits that are located in the Lover's Creek drainage corridor (their unique identifiers are LV4, LV5 and LV6). The scope for the pond retrofits include, but is not limited to, excavation and disposal of accumulated sediment, constructing new or reconstructing existing plunge pools and cooling trenches, site stabilization and restoration, and constructing a new stormwater management facility (for LV4).	\$2,135,555	\$0	Ongoing

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Wastewater	Barrie, City of	Lakeshore Drive capacity improvements of Dymont's Creek and Bunker's Creek	This project improves the flow capacity, fish habitat, and water quality of Bunkers Creek & Dymont's Creek. The flow capacity is improved to convey the peak flow generated by a 1 in 100 year storm event. The 3-culvert system under the old Lakeshore Dr. will be replaced with an open channel to improve fish habitat by removing the "long dark tunnel" and replacing with the "daylighted" open channel.	\$7,820,631	\$1,152	Ongoing
Wastewater	Belleville, City of	Storm Water Improvements - Moira St. & Ponton St.	Improvements to storm water infrastructure to address storm water entering the sanitary sewer system and reduce / eliminate road and basement flooding related to spring runoff and rainfall events.	\$142,035	\$99,147	Complete
Wastewater	Brampton, City of	Storm Water Management Facilities Restoration in Multiple Locations	The project work involves major restoration and renewal activities for stormwater management facilities (ponds), as well as stream bank erosion control works. Activities entail removal and disposal of contaminated sediment; construction of erosion protection/stream bank stabilization works at Fletchers Meadow Pond-10100 Chinguacousy Rd; Sorby Pond-25 Salvation Rd; Pond in Chant Valley; and Flower City Community Campus Pond-8850 McLaughlin Rd.	\$2,000,000	\$5,597	Ongoing
Wastewater	Brampton, City of	Storm Water Management - Restoration	To restore the City's existing storm water management facilities. Project scope includes sediment removal at Ken Park pond and the cleaning of various storm water management ponds in the City.	\$8,980,411	\$38,884	Ongoing
Wastewater	Brooke-Alvinston, Municipality of	Lorne Street Storm Sewer and Road Replacement	The main objective is to install a storm drainage system along the length of Lorne Street, Alvinston (from Nauvoo Rd to Morrell St), to provide a proper drainage outlet for the residents along Lorne Street and in the surrounding areas. This will help to reduce or eliminate the chance of flooding which has been prevalent in the area for years.	\$585,669	\$230,445	Complete
Wastewater	Bruce Mines, Town of	Installation of a New Wastewater Pump	The main lift station sewage pump failed and was replaced by a new sewage pump.	\$55,781	\$55,781	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Cambridge, City of	Construction of the Cooper Street Relief Storm Sewer	Construction of a secondary storm sewer outlet through Forbes Park for the Cooper St storm sewer in Hespeler to reduce flooding of residential properties on Cooper St. Modelling in the City's 2011 Stormwater Master Plan identifies surcharging in the outlet of the 600 mm storm sewer through Forbes Park due to the confluence of the the 675mm Cooper Street sewer with a 600 mm sewer on Kribbs St. The surcharging is contributing to regular flooding of residential properties on Cooper St.	\$270,000	\$8,134	Ongoing
Wastewater	Cambridge, City of	Stormwater Pond 155 Retrofit	Sediment cleanout and rehabilitation to restore stormwater management (SWM) pond 155 to full operating capacity per Provincial Certificates of Approval.	\$650,000	\$521,995	Ongoing
Wastewater	Cambridge, City of	King St Reconstruction Phase 1 (Dover to Bishop)	Phase 1 of Preston Streetscaping - King St E from Dover St to Laurel St. Project includes replacement of sanitary sewer, storm sewer, and watermain (including services due to deterioration). Work also includes replacement of sidewalk, curb, traffic signs, streetlights, benches, street trees, garbage receptacles and bike rings. The focus of this project is core area beautification and enhancement of existing or new amenities through improved access to the river for residents and visitors.	\$7,844,000	\$172,768	Ongoing
Wastewater	Cambridge, City of	Stormwater System Reconstruction - Fraser St	Reconstruction of Fraser Street from Glebe Street to Grand Avenue South. Project involves replacement of water, sanitary, storm and road infrastructure due to deterioration and replacement of sidewalk, curb, traffic signs and utility relocation.	\$754,596	\$73,667	Ongoing
Wastewater	Cambridge, City of	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.	\$5,179,763	\$0	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Casselton, Municipality of	Storm Sewer Installation on Sarah St, Fillion St, Martin St, and Francess St	The municipality is designing and constructing a new storm sewer collector system on Sarah St, Fillion St, Martin St, and Francess St. The construction of the new system will correct a long history of flooding problems in this sector. It will also mitigate a lot of concerns voiced by local residents.	\$400,000	\$36,633	Ongoing
Wastewater	Chapleau, Township of	Lagoon System Dechlorination Implementation	The project involves the upgrade of the chlorination system (to enable flow pacing) and the construction of a dechlorination system at our wastewater lagoons. This new process equipment will ensure we are compliant with federal regulations mandating that chlorine residuals be reduced to non-detectable levels (< 0.02 mg/L) by 2021.	\$689,000	\$73,473	Ongoing
Wastewater	Clarence-Rockland, City of	Storm Sewer Replacement on Laurier St.	This project involves storm sewer replacement on Laurier Street. The replacement will reduce the risk of flooding and damages to the City's infrastructure and private properties.	\$23,135	\$23,135	Complete
Wastewater	Cobalt, Town of	Sewer Line Replacement - Trailer Park	The sewer line is collapsed in certain spots and is creating ongoing issues with sewer backups. The replacement of approximately 200 feet of line will negate the future deterioration and backups.	\$35,000	\$25,056	Complete
Wastewater	Cobourg, Town of	Improvement of the Terry Fox Storm Water Management Pond	The Town is improving the storm water management pond at the south end of Tillison Ave in the Terry Fox subdivision. The project involves completing a study to determine the scope of work required, followed by construction to improve the function of the pond.	\$275,000	\$25,000	Ongoing
Wastewater	Collingwood, Town of	Sanitary Sewer Renewal on Napier St from Hume St to Dillon Dr	The Asset Management Plan and Sewer User Fees Studies completed in 2005 identified over \$24 million in immediate sewer repair needs. We are therefore conducting a multi-year program for the renewal of our sanitary sewer assets. This project is part of that program and involves the renewal of sanitary sewer on Napier St (from Hume St to Dillon Dr).	\$1,549,077	\$100,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Dryden, City of	Second St. Sewer Main Replacement	Replacement of a 109 m long section of sewer main on Second St. due to severe deterioration. The sewer line is severely cracked and deformed, with open voids in some areas. This section is past the point of re-lining.	\$84,929	\$84,929	Complete
Wastewater	Dryden, City of	Sanitary Manhole Lining	Apply interior lining to selected sanitary manholes to prolong their operational life. Lining will eliminate concrete/brick pieces falling into the sewer main causing back-ups and also reduce the amount of ground water infiltration. Benching of manholes is included in this project which provides for a smoother more direct flow through the manhole reducing the chance of blockages. This is an ongoing rehab project, with approx. 8 manholes lined each year.	\$300,000	\$101,000	Ongoing
Wastewater	Erin, Town of	Storm Sewer Installation on Daniel St and Scotch St	The installation of a storm sewer system on Danial Street and Scotch Street (385 meters) in Erin to improve the drainage of the area.	\$520,000	\$330,038	Complete
Wastewater	Fort Erie, Town of	Catherine St Service Improvements Ph 2 between Concession Rd and Central Ave.	Project replaces the existing 150 mm cast iron watermain constructed between 1940 and 1959. The sanitary sewer, manholes and service laterals are 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 involves total road reconstruction.	\$1,361,386	\$216,026	Complete
Wastewater	Fort Erie, Town of	Catherine St Service Improvements Ph 1 between Central Ave and Niagara Blvd.	Project replaces the existing 100 mm 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 is being replaced, involving total road reconstruction.	\$1,233,967	\$191,182	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Georgina, Town of	Lorne Street Storm Sewer Replacement	York Regional Police began constructing a new marine facility at Jackson's Point Harbour. During the site work for the development, two unmarked municipal storm sewers were found and are determined to be in conflict with the on-site servicing. The existing storm sewers require replacement and relocation in order to complete the site servicing. This replacement is also warranted at this time because the pipes and related infrastructure are in poor condition.	\$127,500	\$102,575	Complete
Wastewater	Grand Valley, Town of	Riverhill Storm Sewer Installation Phase 3 - Spruyt Avenue	Work involves construction of a storm sewer in the roadway, construction of storm services to the front of homes on the road (to accept sump discharge), and reconstruction of the road, complete with the installation of concrete curbs. This project is being completed to reduce groundwater flow entering the sanitary sewer system and flows at the sewage treatment plant.	\$550,000	\$200,000	Ongoing
Wastewater	Greater Sudbury, City of	Rehabilitation of Sanitary Sewers on Hyland Drive	Full sanitary sewer replacement including all service laterals on Hyland Drive.	\$1,200,000	\$0	Ongoing
Wastewater	Greater Sudbury, City of	Rehabilitation of Sanitary Sewers	Rehabilitation (lining) and replacement of approximately 3,500 m of 150 mm, 200 mm, 300 mm diameter sanitary sewers at various locations including Applegrove, Clemow, Oak, Victoria, Willow, Allan, Southview, and other locations.	\$1,625,000	\$0	Ongoing
Wastewater	Greater Sudbury, City of	Rehabilitation / Replacement of Sanitary Sewers	Rehabilitation (lining) and replacement of approximately 5.5 km of sanitary sewers at the following locations: Rio Road; Selkirk Street; Secord Court; Nicolet Street; Burton Avenue; Humber Court; Hearne Avenue; Albany Street; Snowdon Avenue; Bruce Avenue; McNeill Blvd; Pine Street; Eyre Street; Whittaker Street; Hyland Drive; Beverly Drive; Shelley Drive; Parisien Avenue; Hastings Crescent; Second Avenue; Rix Street.	\$1,425,000	\$96,420	Ongoing
Wastewater	Greater Sudbury, City of	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.).	\$9,626,853	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Greater Sudbury, City of	Sanitary Sewer Replacements and/or Rehabilitation	Wastewater projects include sanitary sewer replacements and/or rehabilitation (lining) and are determined based on a review of condition, operational issues and capacity. Repairs and replacement of approximately 236 m of sanitary sewers are being done.	\$1,976,051	\$0	Ongoing
Wastewater	Greater Sudbury, City of	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.	\$2,790,767	\$0	Complete
Wastewater	Guelph, City of	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.	\$1,746,639	\$208,554	Complete
Wastewater	Guelph, City of	Construction of a Snow Disposal Facility	Construction of a snow storage and controlled melt facility to conform to industry best management practices and Federal Salt management requirements to mitigate and reduce the impact of stored road salt to the physical environment.	\$5,565,000	\$57,003	Ongoing
Wastewater	Halton Hills, Town of	Replacement of Bowman St & E/W Trail Retaining Wall	<p>The objective of the project is to undertake the design and construction for the replacement of the existing Bowman Street SWM facility retaining wall (gabion baskets).</p> <p>Retaining wall replacement will secure the properties of residents backing onto the Town's SWM facility and prevent future property damage and/or safety issues with the existing wall.</p>	\$365,000	\$0	Ongoing
Wastewater	Halton, Region of	Milton Wastewater Treatment Plant Decommissioning	Decommissioning of the Milton wastewater treatment plant. Sending all wastewater flows to Mid-Halton WWTP is the most cost effective and technically viable long term solution for wastewater servicing in the central and north Milton areas.	\$500,000	\$38,528	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Halton, Region of	Dewatering System Upgrade at the Biosolids Management Centre	Upgrades to Biosolids Management Centre Dewatering system. The present dewatering system is at the end of its service life and is showing significant signs of deterioration.	\$350,000	\$37,081	Ongoing
Wastewater	Halton, Region of	Energy and Resource Management Strategy Implementation - Biogas Utilization Program	Includes Biogas Utilization Program and Energy Generation Facility from Source Separated Organics. To reduce energy used by wastewater treatment process.	\$1,100,000	\$0	Ongoing
Wastewater	Halton, Region of	Wastewater Main Replacement on Ayr Place	200 mm wastewater main replacement on Ayr Place from Lomond Crescent to the end in Burlington. Work is occurring in coordination with watermain replacement.	\$745,000	\$180,000	Complete
Wastewater	Halton, Region of	Wastewater Main Replacement on Bridge Road	250 mm wastewater main replacement on Bridge Road from Third Line to Sherin Drive in Oakville. Replacement is required due to the current condition and multiple defects.	\$1,341,000	\$0	Ongoing
Wastewater	Halton, Region of	Wastewater Main Replacement on Prince Charles	200 mm and 300 mm wastewater main replacement on Prince Charles Drive from Rexway Drive to Delrex Boulevard in Halton Hills - Georgetown. Work is being coordinated with watermain replacement.	\$2,463,000	\$1,735,515	Ongoing
Wastewater	Halton, Region of	Wastewater Main Replacement on Selgrove Crescent	250 mm wastewater main replacement on Selgrove Crescent to/from Woodhaven Park Drive in Oakville. Due to flushing on this street every six months, it is recommended that a replacement might improve the effectiveness of the pipe.	\$1,844,000	\$450,000	Ongoing
Wastewater	Halton, Region of	Dewatering System Improvements at the Burlington Skyway Wastewater Treatment Plant	Upgrades needed to replace aging infrastructure, improve operational performance and reliability and to improve maintainability, reliability, and equipment access.	\$1,350,000	\$82,120	Ongoing
Wastewater	Halton, Region of	Hauled Waste Receiving Facility at Biosolids Facility	Construction of a centralized hauled sewage receiving station is needed due to a significant change from the Georgetown Wastewater Treatment Plant.	\$3,275,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Halton, Region of	Sewer Replacement in the Rexway Drive Area in Burlington	Work involves replacement of the sewers under Rexway Dr between Cumberland Ave and Woodview Rd and under MacLaren Dr between Woodview Rd and Rexway Dr. Both are concrete wastewater mains installed in 1970. These sewers are experiencing issues such as cracks, encrustation, inflow and infiltration, and flat and high water levels.	\$2,648,000	\$769,906	Ongoing
Wastewater	Halton, Region of	Fulton St Pump Station Modifications & Forcemain Installation	The current forcemain (FM) has reached its expected service life and has started to fail. Two FMs are required to enable the decommissioning of the Milton Wastewater Treatment Plant (WWTP) and to direct flows southerly to Mid Halton. The existing FM is a polyethylene material of unknown manufacture and Halton is unable to obtain parts. Additional investigation and detail design is needed. Work involves modifications to the Fulton pump station (PS) to support this and the WWTP decommissioning.	\$4,542,000	\$0	Ongoing
Wastewater	Halton, Region of	Wastewater Main Replacement on Brant St and John St in Oakville	The Region is replacing 731 m of wastewater main (WWM). A 200 mm vitrified clay (VC) WWM on Brant St was installed in 1966, is in poor condition, and is being replaced. Laterals are also being replaced as part of the project. A 200 mm PVC & VC WWM on John St was installed in 1966, 1998 and 2001, is in poor condition, and is also being replaced.	\$1,497,000	\$93,432	Complete
Wastewater	Halton, Region of	Upgrade of Wastewater Main on Chamberlain Rd from Longmoor Dr to Turner Dr	Replacement of the deteriorating current line with a new 200 mm diameter PVC line running the length of 400 m. The line directly services 31 households and is the ultimate collection line for 71 households.	\$584,000	\$275	Ongoing
Wastewater	Halton, Region of	Transfer of Laterals from Easement to Existing Mains on Main St South and Park Ave	Upgrading sanitary sewer system by abandoning deteriorating wastewater mains located within backlot easements and transferring services of 8 households.	\$1,587,987	\$3,024	Ongoing
Wastewater	Halton, Region of	Relocation of Sewers Located in Backyard Easements to Existing Mains on Felan Ave and Maurice Dr	Upgrading sanitary sewer system by abandoning deteriorating wastewater mains located within backlot easements, and transferring services of 5 households.	\$1,977,756	\$3,307	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Halton, Region of	Skyway Wastewater Treatment Plant Upgrades	Structural, mechanical and electrical upgrades for Final Clarifiers due to age and poor condition of steel internal mechanism items; RAS and drain piping upgrades at galleries associated with Final Clarifiers due to multiple breaks in the past 5 years; and mechanical upgrades associated with Aeration Tanks for better flow control during low flow period.	\$3,891,000	\$0	Complete
Wastewater	Halton, Region of	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.	\$1,750,000	\$0	Complete
Wastewater	Halton, Region of	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.	\$1,532,000	\$0	Complete
Wastewater	Halton, Region of	Wastewater Main Upgrade on Mill St. W from Birchway to Park Ave.	Replacement of deteriorating asbestos cement and vitrified clay mains with 200 mm diameter PVC pipes running 830 m in length to improve service reliability. The mains directly service 47 residential and 3 industrial/commercial/institutional customers and is the ultimate collection line for 162 customers.	\$1,898,000	\$0	Ongoing
Wastewater	Halton, Region of	Replacement of Boiler Unit 1 and Hot Water Pumps at Wastewater Treatment Plant	Upgrades at Wastewater Treatment Plant to meet higher environmental standards and increase efficiency by replacing equipment that has exceeded its useful life, including the Waste Gas Burning System, Boilers 1 and 2, and Hot Water Pumps.	\$2,292,000	\$978,483	Ongoing
Wastewater	Halton, Region of	Wastewater Main Upgrade on Reynold from King to Randall St	Replacement of deteriorating vitrified clay mains with 200 and 300 mm diameter PVC wastewater mains running 420 m in length to improve service reliability. The mains directly service 13 residential and commercial customers.	\$1,401,000	\$8,755	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Halton, Region of	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.	\$3,900,000	\$0	Complete
Wastewater	Halton, Region of	Pump Station & Forcemain-PS master(BUR)	Expansion and renewal of the Pump Station to consolidate five out of eight pumping stations into one through the construction of a new deep sewage pumping station, a new forcemain and new local sewers. This project replaces aging infrastructure, accommodates intensification as well as improves operation/efficiency of the Burlington East system.	\$1,113,000	\$272,224	Ongoing
Wastewater	Halton, Region of	Upgrade of Grit Removal System at Oakville SE Wastewater Treatment Plant	Upgrading the aging Grit removal system at the Oakville South East Wastewater Treatment Plant. Installing a grit conveyor and clarifier system to provide the capability for continuous dewatering, reducing odour issues during cleaning, and lessening the exposure of Plant staff to unsanitary and labour intensive working conditions during cleaning.	\$9,463,000	\$0	Complete
Wastewater	Halton, Region of	Replacement of Wastewater Main on Speers from Warminster to Morden	Replacing a 300 mm Wastewater Main (WWM) on Speers Road from Warminster Drive Easement to Morden Road due to multiple fractures and a deformed sewer installed in 1957. Wastewater Lateral replacement on Speers Road from 570m West of Third Line to Fourth Line	\$4,624,000	\$5,292	Ongoing
Wastewater	Halton, Region of	Oakville South East Wastewater Treatment Plant Upgrades	Replacement of chain & flight gear boxes for primary clarifiers in plant 1&2. Replacement of the mechanical bar screen chains and sprockets. Replacement of scum pumps and refurbishment of scum pump troughs.	\$602,000	\$0	Ongoing
Wastewater	Halton, Region of	Georgetown Wastewater Treatment Plant Upgrades	Replacement/refurbishing of Travelling Bridges, Primary Tanks and Screening Building (Bar Screens, Washer/Compactor, HVAC, Electrical etc.) in Plant B.	\$5,499,000	\$0	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Hamilton, City of	Backflow Prevention for Various Facilities	To establish compliance with City Bylaw No 10-103 respecting the Prevention of Backflow into Water Distribution System. This is an ongoing multi-year project. Due to funds not approved in 2012, the city is behind the compliance deadline. Between 2016-2021 the remainder of the sites are completed or underway, with high hazard sites completed first followed by moderate sites. This is a city wide project with 50 moderate sites addressed in 2020.	\$975,000	\$236,698	Ongoing
Wastewater	Lakeshore, Municipality of	Expansion of the Denis St Pierre Wastewater Treatment Plant	The main objective is to provide increased capacity within the Denis St. Pierre Wastewater System servicing the Belle River and Maidstone communities. There is an increase in demand for development and additional treatment capacity is required.	\$30,000,000	\$415,579	Ongoing
Wastewater	Latchford, Town of	Flushing Sewers And Camera`ing Watermains	This project involves the inspection of waterlines and flushing of sewer lines to identify possible leaks and water/ and wastewater management concerns	\$4,884	\$4,884	Complete
Wastewater	London, City of	Sanitary Sewer Rehabilitation at Four Locations in the City	Replacement of approximately 5,500 m of existing sanitary sewers and appurtances, and installation of approximately 80 m of new sanitary sewers and appurtances along Egerton St/Hamilton Rd/Trafalgar St, Churchill Ave/Winnipeg Blvd/Wavell St, Spruce St/Haig St, and Devonshire Ave (Phase 2). Work involves full road reconstruction, water services, boulevards and construction of new curb and gutter.	\$11,619,114	\$455,617	Ongoing
Wastewater	London, City of	Sanitary & Storm Sewer Rehabilitation at Five Locations in the City	Replacement of approximately 4,000 m of existing sanitary sewers and appurtances, and installation of approximately 1,000 m of new sanitary sewers, storm sewers and appurtances along Egerton St/Brydes St/Pine St, Chippendale Cres (Phase 1), Churchill Ave, Spruce St, and Devonshire Ave (Phase 1). Work involves full road reconstruction, water services, boulevards and construction of new curb and gutter.	\$14,454,780	\$1,534,120	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Markham, City of	Storm Sewer Pipe Rehabilitation	Deficient sections of storm sewer pipe were identified by CCTV inspections. The City is rehabilitating 701 m of this deficient pipe (with diameters ranging from 375 mm to 900 mm).	\$645,100	\$569,365	Ongoing
Wastewater	Markham, City of	Storm Water Management Pond Sediment Removal	To remove sediment from two storm water management ponds.	\$1,094,200	\$17,027	Ongoing
Wastewater	Markham, City of	Flood Control Implementation in West Thornhill	To upgrade 1.6 km of the storm sewer system in the West Thornhill area to a 100 year level.	\$10,868,900	\$2,000,000	Ongoing
Wastewater	Markham, City of	Cleaning Sediment from Two Stormwater Management Ponds	This project includes sediment cleaning and rehabilitation of two stormwater management (SWM) ponds. Sediment cleaning maintains the downstream water quality, preserves the fish habitat and contributes to a sustainable healthy ecosystem that is in line with City's Greenprint initiative. It also helps in retaining the original design functionality of the pond.	\$969,000	\$292,558	Ongoing
Wastewater	Markham, City of	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.	\$2,081,984	\$848,300	Ongoing
Wastewater	Markham, City of	West Thornhill Flood Control Implementation	This project involves about 3.7 km of storm sewer upgrades in the Thornhill area based on the Thornhill Stormwater Flood Remediation Class A EA study. Existing storm sewer pipes are being upgraded to accommodate a 100 year storm event.	\$110,800,000	\$0	Ongoing
Wastewater	Marmora and Lake, Municipality of	Wastewater Treatment Plant Improvements	Replacement of the sludge digester, upgrades to the ventilation system, and replacement of the radio network system (for communication to the plant) at the wastewater treatment plant.	\$67,000	\$64,296	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Mattawa, Town of	Turcotte Park Road Drainage Outlet Project	This project will improve storm water drainage from Turcotte Park Road. There have been many developments in this area in the last ten years including a new hospital, long-term care home, and 12-unit seniors complex. This project will address overland drainage in the area and provide draining to an existing outlet (storm sewer). Work involves improving and installing culverts to eliminate scouring and improve the flow of storm water to the Mattawa River.	\$70,000	\$10,267	Ongoing
Wastewater	Meaford, Municipality of	Boucher Street East Sewer Replacement	Sewer replacement on Boucher Street East. GT funds were utilized for the preliminary design of the aging and failing wastewater infrastructure to be replaced, which included topographical survey, development of construction drawings and preliminary opinion of cost. Road, water, storm water, and sidewalk infrastructure were also addressed in this project.	\$317,000	\$0	Ongoing
Wastewater	Meaford, Municipality of	Replacement of sanitary sewer on Gray Avenue	Replacement of sanitary sewer on Gray Avenue. Gas Tax funds are used for the engineering, design, and a topographic survey.	\$192,200	\$0	Ongoing
Wastewater	Mississauga, City of	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.	\$17,400,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Mississauga, City of	Storm Drainage - Erosion Control and Flood Protection	Stormwater projects to renew and improve various facilities to provide flood protection and mitigate risk to property and infrastructure. Projects include the construction of watercourse erosion control works along Applewood and Sawmill Creeks, design of culvert improvement and flood berming protection works along Cooksville Creek, dredging accumulated sediment of a stormwater management pond and the design of an underground flood storage facility under Eastgate Park.	\$7,799,251	\$28,383	Ongoing
Wastewater	Muskoka, District Municipality of	Upgrade of the Huntsville Golden Pheasant Wastewater Treatment Plant	The Golden Pheasant wastewater treatment plant is being upgraded to accept flows from the Mountview wastewater treatment plant. Work involves the expansion and addition of process tankage, upgrade and additions of UV disinfection systems, addition of waste-activated sludge thickening systems, replacement of inlet works systems, and conversion from coarse aeration to fine bubble diffusion system (including replacement of blower and aeration equipment).	\$20,333,000	\$120,413	Ongoing
Wastewater	Muskoka, District Municipality of	Port Severn Sewage Treatment Plant Upgrade	Upgrade wastewater treatment plant and pumping station systems to ensure both continue to effectively treat wastewater at current rated capacities. Upgrades involve the replacement of aging mechanical equipment and instrumentation devices and refurbishment of coatings.	\$1,097,700	\$715,894	Ongoing
Wastewater	Muskoka, District Municipality of	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.	\$2,530,000	\$163,184	Ongoing
Wastewater	Muskoka, District Municipality of	Bala Sewage Treatment Plant Upgrade	Replacement of magnetic flow meters, instrumentation upgrades, process equipment rehab and replacement, as well as supervisory control and data acquisition hardware replacement. This project is for the rehabilitation of equipment as identified in our Asset Management Plan.	\$3,192,200	\$385,714	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Niagara, Region of	Port Dalhousie Wastewater Treatment Plant Upgrade	Phase 1 upgrades to the Port Dalhousie Wastewater Treatment Plant including existing distribution chamber modifications, new aeration tanks, new blower building, primary effluent chamber extension, new generator, and yard piping.	\$10,000,000	\$1,351,581	Ongoing
Wastewater	Niagara, Region of	Dain City Pump Station Forcemain Replacement	Sections of the Dain City Pump Station (PS) forcemain have failed due to significant corrosion caused by Hydrogen Sulphide (H <sub>2</sub> S) attack and are in need of immediate replacement. The current forcemain is 3.2 km long and is made of Asbestos Cement (AC). This will be replaced with a new 300mm PVC forcemain that is not affected by H <sub>2</sub> S. There will also be a new section of 675mm diameter PVC for the gravity connection.	\$5,775,000	\$1,718,212	Complete
Wastewater	Norfolk, County of	Port Dover WPCP Upgrades	Major upgrades to the Port Dover Water Pollution Control Plant (WPCP), including aeration system and blowers, headworks, chlor/dechlor disinfection, installation of equalization tank, installation of standby generator and replacement of onsite pumping station.	\$9,300,000	\$0	Ongoing
Wastewater	North Grenville, Municipality of	Sewer Pump Upgrade	The replacement of the third pump in the Bridge Street station is to accommodate redundancy in high flows or wet weather flows in the event that one of the other pumps fails. The existing pump is an extended shaft vertically mounted end suction pump. The new pump is an energy-efficient dry pit submersible pump complete with a VFD motor. This should protect the station and reduce the likelihood of an overflow event causing negative environmental impacts.	\$193,000	\$188,869	Complete
Wastewater	North Huron, Township of	Blyth Creek Storm Drain Upgrade	The Blyth Storm Creek Drain project will be completed in phases over several years and will involve upgrading storm drainage from a 30" tile to 64" tile to service the greater part of the Village of Blyth. This project is critical to mitigate storm water issues during heavy rainfall.	\$2,000,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	North Middlesex, Municipality of	Construction of the Parkhill Wastewater Treatment Plant	Construction of a new wastewater treatment plant to replace the sewage lagoon which is at capacity. Work involves design and engineering of the plant, conversion of a portion of an existing single cell of the lagoon system into a primary holding lagoon and peak day demand surge lagoon, and design and construction of a headworks facility, aeration facility, secondary clarification system, and tertiary filtration system as well as UV disinfection system.	\$18,000,000	\$0	Ongoing
Wastewater	Oakville, Town of	Construction of Maplehurst Storm Sewer - South of Bridge Road to Shaw Street	Construction of new trunk storm sewer system along Maplehurst Drive from south of Bridge Road to Shaw Street. The project also includes a new storm sewer on Shaw Street and a new inlet to partially intercept flows from the drainage channel south of Bridge Road. The new storm sewer will improve drainage in the area by intercepting flows via ditch inlet catch basins from the municipal ditch system that is currently challenged by flat gradients and will also reduce downstream flood risks.	\$4,875,000	\$1,500,000	Ongoing
Wastewater	Oakville, Town of	Flood Mitigation - Minor Works	The Stormwater Master Plan identified minor works deemed beneficial to advance in select areas of the community to improve drainage function and reduce flood exposure. These works include the installation of inlet control devices in street storm catch basins to reduce the potential for basement lateral flooding, increasing flow capacity to the storm sewer system to mitigate localized ponding, and improving inlet grates to reduce the potential for debris blockages that can result in flooding.	\$1,600,000	\$37,675	Ongoing
Wastewater	Oshawa, City of	Storm Water Management Pond Cleaning	A Storm Water Management (SWM) pond is engineered and designed to control the quantity and quality of storm water prior to its discharge into the local water course to reduce the impacts of development on the watershed. It has been identified through regular inspections that an excessive amount of sediment builds up in the cell of the ponds. The ponds must be cleaned in order to function properly and improve water quality. This project will fund the cleaning of one pond located near Andover Crt.	\$225,000	\$142,904	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Oshawa, City of	Storm Water Management Pond Cleaning	A Storm Water Management (SWM) pond is engineered and designed to control the quantity and quality of storm water prior to its discharge into the local water course to reduce the impacts of development on the watershed. It has been identified through regular inspections that an excessive amount of sediment builds up in the cell of the ponds. The ponds must be cleaned in order to function properly and improve water quality. This project will fund cleaning of one pond located on Cedar Valley Blvd.	\$225,000	\$185,737	Ongoing
Wastewater	Pembroke, City of	Pollution Control Centre Digester Rehabilitation	Rehabilitation of the Pembroke Pollution Control Centre's three digesters. The project involves emptying and disposing of digester contents, cleaning of the digesters, internal inspection and gas proofing of at least one digester. The project also includes addressing various condition related items consisting in part, of a new digester roof, new gas extraction arm, and the implementation of three new inline sludge grinders.	\$2,622,906	\$872,188	Ongoing
Wastewater	Peterborough, City of	Chemong Rd N Urbanization - Milroy Drive to North City Limit	The urbanization of Chemong Road north of Milroy Dr to the north City limits (500 m) involves installation of curbs, gutters, sidewalks, and storm sewers and pavement rehabilitation.	\$3,550,000	\$0	Ongoing
Wastewater	Powassan, Municipality of	Library Storm Drain Replacement	The storm water drain/culvert/pipe was collapsing under the parking lot/driveway of our Library. This driveway is also a main entrance/exit to our Firehall. It was very close to the library building and the sewer line as well. The damaged pipes were removed and new ones were installed.	\$57,669	\$57,669	Complete
Wastewater	Quinte West, City of	Construction of Snow Management Facility	The project scope is to construct an asphalt pad and storm water components with the capacity to handle all of the City's snow removal operations. The construction will allow the City to have a facility that can properly treat all runoff from the excess snow stockpile, eliminating any negative environmental impacts.	\$1,417,910	\$394,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Sables-Spanish Rivers, Township of	Massey Storm Sewers Replacement	Problems with settling and/or erosion of storm sewers have been experienced in the Town of Massey (now part of the Township of Sables-Spanish Rivers). This is causing the infrastructure to fail. This project involves the replacement of existing storm sewers along Queen Street (for 30 m), Imperial Street (for 20 m) and Aberdeen Street (for 80 m) with pipes of the same size (750 mm in diameter along Queen Street and 300 mm in diameter along Imperial Street and Aberdeen Street).	\$210,299	\$134,603	Complete
Wastewater	Sarnia, City of	Water Pollution Control Centre Improvements	Various capital upgrades at the water treatment plant to address redundant end of life assets. Work involves backup generator sizing, engineering and replacement, SCADA system replacement, and the replacement of four raw sewage flow meters.	\$1,600,000	\$102,655	Ongoing
Wastewater	Saugeen Shores, Town of	Goderich St. Storm Sewer Replacement	Replacement of storm sewers on Goderich St. from Barnes Avenue to Concession Road 6.	\$137,071	\$102,071	Complete
Wastewater	Sault Ste. Marie, City of	Farwell Terrace Aqueduct Rehabilitation	The work generally consists of removal and reconstruction of selected segments of the small aqueduct on Farwell Terrace including restoration of surface features.	\$643,356	\$340,000	Ongoing
Wastewater	Schreiber, Township of	Wastewater Treatment Plant Upgrade	The project is designed to provide the municipality with information regarding compliance with Regulation (WESR) SOR/2012-139 as a first step. This first phase of the project will provide the municipality with options regarding infrastructure upgrades to the current dechlorination system in order that the process meets the Regulation regarding the quality of effluent discharged into the natural environment so that it will not negatively impact recreational use of waterways or aquatic life.	\$24,664	\$0	Ongoing



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	St. Catharines, City of	Russell/Woodland Storm Sewer Improvements	Construction of storm sewers (in conjunction with watermain, sewer and road works) on Russell Avenue (between McGhie Street and Geneva St) and Woodland Avenue (between Maple Street and Russell Avenue). This project will reduce the probability of sewer failure and ensure the continued delivery of reliable service to the community.	\$750,000	\$48,739	Ongoing
Wastewater	St. Catharines, City of	Avalon/Bernhardt/Embassy Storm Water Improvements	Construction of catch basins and leads (in conjunction with watermain replacement) on Avalon Place and Embassy Road (between Lakeport Road and the south limits) and on Bernhardt Street (between Avalon Place and Embassy Road). This project will reduce the probability of sewer failure and ensure the continued delivery of reliable service to community.	\$345,000	\$0	Ongoing
Wastewater	St. Catharines, City of	Glenwood/South Sanitary Sewer Reconstruction	Necessary rehabilitation of existing sanitary sewers (in conjunction with storm sewer, watermain and road works) on Glenwood Avenue between Rockcliffe Road and the north city limits.	\$1,030,000	\$0	Ongoing
Wastewater	St. Catharines, City of	Storm Sewer Construction on St Paul St West (RR#81)	Construction of new storm sewer for combined sewer separation, being completed in conjunction with bridge replacement. The project is located on St Paul St West between Merigold Street and St Paul Crescent. The project will reduce the probability of basement flooding and improve the quality of combined sewer overflow discharge.	\$135,000	\$0	Ongoing
Wastewater	St. Catharines, City of	Storm Sewer Reconstruction on St David's Rd	Upgrade of storm sewer sections (along with watermain and Regional roadworks) on St. David's Road between Highway 406 and Burleigh Hill Drive. The project is required to provide storm sewers aligned with new road grades.	\$112,000	\$0	Ongoing
Wastewater	St. Catharines, City of	Sanitary Sewer Replacement on St David's Rd	Replacement of sanitary sewer sections (along with watermain and Regional roadworks) on St. David's Road between Highway 406 and Burleigh Hill Drive. The project will reduce the probability of sewer failure and allow for the continued delivery of reliable sanitary service to the community.	\$485,000	\$1,100	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	St. Catharines, City of	Sanitary Sewer Replacement on Terry Lane	Sanitary sewer replacement in conjunction with watermain and road works on Terry Lane from Shelley Ave to Graham Avenue.	\$222,000	\$0	Ongoing
Wastewater	St. Catharines, City of	Sanitary Sewer Replacement on Burness Dr	Replacement of sanitary sewers in conjunction with watermain replacement works on Burness Dr from Ferndale Avenue to Alexandra Boulevard.	\$1,043,000	\$74,219	Complete
Wastewater	St. Catharines, City of	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.	\$1,298,000	\$0	Complete
Wastewater	St. Catharines, City of	Hartzel Rd Storm Sewer Replacement	Replacement of existing storm sewers with identified deficiencies to reduce surface flooding on Hartzel Rd from approximately 100 m south of Queenston Street to approximately 100 m north of Lincoln Avenue.	\$517,936	\$0	Complete
Wastewater	St. Catharines, City of	Storm Sewer Construction on Rodger Street and Sharon Street	Installation of storm sewers to alleviate surface flooding on Sharon Street and Rodger Street.	\$817,000	\$0	Complete
Wastewater	Stratford, City of	Replacement of the Grit Removal System at the Wastewater Treatment Plant	This project will remove the existing grit removal system at the water pollution control plant and replace it with a new, energy efficient grit removal system. The new grit removal system will have greater capacity, be more efficient, and reduce operation and maintenance costs at the plant.	\$350,000	\$0	Complete
Wastewater	Stratford, City of	Replacement of Retaining Walls on Roadhouse Drain	Repair and replacement of 190 m of collapsing retaining walls for the Roadhouse Municipal Drain between Huron Street and Hibernia Street. Work involves temporary measures to shore up the walls, geotechnical and structural reviews, design of the ultimate replacement structures, and compliance with the Drainage Act.	\$2,500,000	\$8,789	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Temagami, Municipality of	North Temagami Lagoon Rehabilitation	The North Temagami Lagoon, originally constructed in 1968, is in need of rehabilitation to ensure continued quality of the surrounding bodies of water. The lagoon system is replaced with an automated sewer plant and the resulting effluent is treated through a UV-filtration system to ensure there are no harmful qualities to the fluid being returned to the surrounding water systems. The Amended ECA is expected to be received shortly.	\$2,200,000	\$26,353	Ongoing
Wastewater	Thunder Bay, City of	New Storm Sewer on Heath Street and Drainage Relief on Ambrose Hill	The City is installing 49 m of new storm sewer and four catch basins on Heath Street to correct local drainage problems in conjunction with road base repairs and paving.  The City is also installing 41 m of storm main on Ambrose hill to provide drainage relief.	\$196,690	\$49,692	Ongoing
Wastewater	Thunder Bay, City of	Installation of Stormwater Treatment Structures	Design & installation of storm drainage improvements, including new catch basin and storm sewer systems. These projects relate to 0.68km of new storm sewer design & installation.	\$144,610	\$41,392	Complete
Wastewater	Thunder Bay, City of	Reconstruction of Miles and Court Streets	This project involves reconstruction and installation of 165 m of new storm water sewers on Miles Street and 200 m of new storm sewers on Court Street. The work provides 11 houses on Miles Street and 23 houses on Court Street with access to new storm sewers.	\$385,336	\$0	Complete
Wastewater	Thunder Bay, City of	Storm Sewer and Water Infrastructure Renewal on Winnipeg Avenue	This project involves the renewal of 210 m of storm sewer from Beverly Street to Inchiquin Street on Winnipeg Avenue, along with the subsequent replacement of 260 m of road.	\$424,682	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Thunder Bay, City of	Empress Ave Storm Sewer Replacement	Extension of the Empress Ave storm sewer by 400 m to deal with peak rainwater flows and minimize damage and risk to infrastructure and residential properties. Also included is a new outfall structure with a "green" storm water treatment device: a bio-retention Low Impact Development facility within the parking lot. The facility is designed to treat a drainage area of 3,200 sq. m, store 252 cu. m, and treat an annual runoff volume of approximately 2,065 cu. m/yr.	\$1,755,239	\$0	Complete
Wastewater	Thunder Bay, City of	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.	\$220,343	\$0	Complete
Wastewater	Vaughan, City of	Storm Water Management Pond Improvements	Hydraulic/flooding analysis and associated construction costs for improvements to the pond; design and construction to retrofit pond with water quality components; removal of excessive sediments required to mitigate the impacts on the downstream receiving watercourse; and ensure that adequate storage is maintained in the storm water management facilities at all time.	\$1,045,000	\$3,068	Ongoing
Wastewater	Vaughan, City of	Storm water Management Facility for Gallanough Park	Design and Construction of a Stormwater Management Facility and associated underground infrastructure in Gallanough Park to alleviate flooding issues in the Thornhill Heritage Conservation District.	\$1,604,616	\$268,662	Ongoing
Wastewater	Wawa, Municipality of	Installation of Grate at Sewage Lagoon Outfall	This project includes installing a grate at the sewage lagoon outfall. The main objective of this project is to prevent additional heavy equipment required and costs related to annual clearing of wood and debris from outfall between polishing ponds at the sewage lagoons.	\$10,104	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Wastewater	Welland, City of	Edgar Elgin Sewer Separation (Phase 3)	The main objective of this project is to separate the combined sewers on Edgar St, Weller Ave, Northcote Ave, and Charlotte Crt. Approximately 450 m of sewer are being separated as part of this project. Each road is being reconstructed including the replacement of the existing cast iron watermain. Approximately 750 m of cast iron watermain are being replaced, and 1.6 lane-km of road are being reconstructed.	\$2,970,000	\$115,000	Complete
Wastewater	Welland, City of	West Main Street Area Reconstruction	The project takes place in the area bounded by Niagara St. to the east, Prince Charles Drive to the west, West Main St. to the south and the Welland River to the north. Phase 1 involves the construction of new sanitary sewers, the replacement of watermain and the reconstruction of City roadways. The objective is to reduce combined sewer overflows and extend service life. Approximately 595 m of sanitary sewer and watermain are being replaced, including 1.2 lane-km of roads.	\$3,300,000	\$274,585	Ongoing
Water	Arnprior, Town of	Watermain River Crossing Replacement	Design, engineering, construction and upsizing of a failing 200 mm watermain under the Madawaska River between Russell St and Jack Cres. The new watermain is a 300 mm HDPE pipe floated into position and lowered into the riverbed, where it was secured in place with concrete ballast blocks and rock anchors. The main objective was to replace the existing aging watermain which had broken several times in the past few years in order to maintain sufficient reliability and redundancy in the system.	\$562,694	\$266,807	Complete
Water	Burk's Falls, Village of	Replacement of Water Mains on Yonge Street	The Village of Burk's Falls replaced approximately 550 m of cast iron water main on a portion of Yonge St that was 120 years old and deteriorating. The new water main size was increased to 8" to provide more fire suppression and better flow of water in the distribution system. The main objective is to mitigate and prevent red water and manganese build up in the pipes from old corrosive piping that was not protecting the system to its full potential.	\$480,000	\$224,351	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Chapleau, Township of	Reconstruction of Elm St and Queen St	The project consists of replacing all linear infrastructure along Elm Street from Dufferin to King Street and along Queen Street from Elm Street northerly 110m. The project also includes the extension of an existing watermain along Queen Street from 90m south of Elm Street to Elm Street. The watermain extension creates a loop in the system to eliminate a problematic dead end main that has chronic water quality problems.	\$2,161,490	\$119,161	Complete
Water	Cobalt, Town of	Water Treatment Plant Upgrades	The water plant is being upgraded to provide adequate pressure, flow and storage to Cobalt's water distribution system and to the elevated storage tank. The pvc piping on filter columns #1 and #2 will be upgraded to stainless steel to improve turbidity and reduce backwash time as the filters are now clogging up. Upgrades to the backwash valve integration and reporting package will also be done. The foot valve will be upgraded to accommodate the larger upgraded pumps.	\$2,114,111	\$48,081	Ongoing
Water	Cochrane, Town of	New Watermain Installation on Hwy 11 S	Install new 200 mm HDPE watermain and hydrant set (includes 150 mm lead, valve, and valve box). This extension of municipal water services is required to improve fire protection in the area as well as allow for development of multiple commercial operations supporting the transportation and tourism hospitality sectors. The watermain has been installed from the 200 mm watermain at 18 Hwy 11 S, crosses under the Hwy (approx 420 m S of connection) up to 99 Hwy 11 S which was originally a 50 mm.	\$559,919	\$0	Complete
Water	Dryden, City of	Swanson Creek Watermain Replacement	The City is replacing 60 m of 6" HDPE DR9 water line using directional drilling. This line runs under Swanson Creek and has had numerous breaks since 2016, but the most recent break was almost under the creek, making traditional open excavation very difficult to complete the repair.	\$63,734	\$63,734	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Emo, Township of	Extension of Water Mains	This project includes three watermain extensions, including a new large diameter watermain extension at Queen Street, at the west end of town to protect the hospital and elder complex and at the east end of town for the existing and new school. This project also includes enhanced crossings of the CNR and Highway to eliminate inefficient deadends in the existing system and looping of watermain lines to eliminate stagnate and potentially unsafe water.	\$3,375,841	\$200,000	Complete
Water	Fauquier-Strickland, Township of	Replacement of Chemical Tank Mixers at the Water Treatment Plant	Replaced two chemical tank mixers at the water treatment plant as they were getting old and were the wrong size for the application. For a better mix, a gear down type with a larger impeller was needed.	\$4,933	\$0	Complete
Water	Gananoque, Separated Town of	Pine St Reconstruction	Full replacement of water and wastewater linear pipes from the western end of Pine St to the intersection with William St.	\$3,130,534	\$313,009	Complete
Water	Haldimand, County of	Cayuga Cast Iron Watermain Replacements	Approximately 1,868 m of cast iron watermain is being replaced. Work involves the replacement of the existing 100 mm cast iron water main and services with a new 50 mm water main and services. The replacement Will enhance residential water quality and improve fireflow.	\$1,305,100	\$1,212,668	Ongoing
Water	Haldimand, County of	Port Maitland Low Lift Facility Capital Repairs	Capital replacement and complete restoration of the Port Maitland Low Lift Facility. Work involves replacing the existing generator that has reached the end of its service life. A new generator provides a more reliable stand-by power source.	\$2,478,133	\$0	Complete
Water	Haldimand, County of	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.	\$5,373,200	\$5,696	Ongoing
Water	Haldimand, County of	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.	\$1,587,829	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Haldimand, County of	Efficiency Upgrades at the Dunnville Water Treatment Plant	Filter Efficiency Improvement. Installation of new underdrain system. Installation of air scour piping. SCADA programming. Filters 3, 4 and 5 already upgraded. Improves cleaning and reduces the number of required backwashes, which in turn uses less water and sends less water into the WWTP. Also provides for longer filter runtimes and aids in ensuring compliance.	\$408,000	\$0	Ongoing
Water	Haldimand, County of	Dunnville Water Meter Replacement	Water meter replacement program. The System contains approximately 2,400 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.	\$681,704	\$0	Complete
Water	Haldimand, County of	Caledonia Water Meter Replacement	Water meter replacement program. The System contains approximately 3,630 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.	\$1,094,366	\$0	Complete
Water	Halton, Region of	Watermain Replacement on Prince Charles Drive	200 mm watermain replacement on Prince Charles Drive from Windsor Road to Delrex Boulevard in Halton Hills - Georgetown. Replacement is required due to aging infrastructure and watermain breaks.	\$2,586,000	\$970,000	Ongoing
Water	Halton, Region of	Watermain Replacement on James Street	300 mm watermain replacement on James Street from Martha Street to Brant Street in Burlington. Replacement due to aging infrastructure and local road reconstruction.	\$1,000,000	\$8,492	Ongoing
Water	Halton, Region of	Watermain Replacement on Canterbury Drive	150 mm watermain replacement on Canterbury Drive from Kerns Road to Tyandaga Park Drive in Burlington in coordination with local works.	\$2,972,000	\$725,000	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Halton, Region of	Watermain Replacement on Green Meadow Drive	150 mm watermain replacement on Green Meadow Drive to/from Heather Hills Drive in Burlington. Replacement due to watermain breaks and coordination with local works.	\$1,867,000	\$720,000	Complete
Water	Halton, Region of	Watermain Replacement on Belvenia Road	200 mm watermain replacement on Belvenia Road from New Street to Longmoor Drive in Burlington. Replacement due to watermain breaks and coordination with local works.	\$2,227,000	\$660,000	Complete
Water	Halton, Region of	Watermain Replacement on Lomond Crescent and Ayr Place	Replacement of 150 mm watermain over the full length of Lomond Crescent and Ayr Place in coordination with local works.	\$1,588,000	\$605,000	Ongoing
Water	Halton, Region of	Membrane Filtration Upgrade at Burloak Water Purification Plant	The Burloak Water Purification Plant is equipped with 600 mm pneumatically actuated butterfly valves. Leakage has been experienced after only a few years of service and valve replacements are typically carried out every 6 to 24 months for a given valve. The Region is therefore replacing the valves with high performance valves with an offset disc/stem design.	\$5,550,000	\$151,892	Ongoing
Water	Halton, Region of	Construction of New Watermains on Hornby Line and Sixth Line (North of Steeles)	Installation of new watermains to service residents on Hornby and Sixth Lines (2,149 m).	\$3,700,000	\$1,920,218	Ongoing
Water	Halton, Region of	Upgrades to Cedarvale Well Houses in Georgetown	Construction of a new standby power generator and appurtenances.	\$356,000	\$289,711	Ongoing
Water	Halton, Region of	Watermain Replacement on Ontario St South in Milton	Replacement of the watermain on Ontario St (between Parkway Dr East and Laurier Ave) in Milton. The watermain was built prior to 1970 with an unknown material. There has been one break and operational issues with this main.	\$3,003,000	\$66,845	Ongoing
Water	Halton, Region of	Watermain Replacement in the Rexway Drive Area in Burlington	Watermain replacement on 14 streets in the Rexway Drive area in Burlington to address aging infrastructure (2,920 m). Existing watermains vary in age from 49 years to 60 years of age, and breaks have been recorded on each street.	\$8,317,000	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Halton, Region of	Burlington Water Purification Plant Capital Replacements and Rehabilitation	Work involves replacement of the existing ozone liquid tank, structural rehabilitation of the filter building (to address the filter, clearwell concrete rehabilitation and cementitious coating), upgrades to the high and low lift pump station, and the replacement of two 75 mm HDPE chlorine solution lines within the intake structure.	\$16,313,000	\$1,719,539	Ongoing
Water	Halton, Region of	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.	\$2,870,000	\$0	Complete
Water	Halton, Region of	Watermain Replacement on Longmoor Dr from North of the Hydro Corridor to Appleby Line	Watermain replacement due to breaks in Cast Iron and Asbestos-Cement Watermains aged 44-51 years.	\$2,292,251	\$0	Complete
Water	Halton, Region of	Watermain Replacement on Sinclair Ct, Alconbury Cr, and Previn Crt	Replacement of various aging and deteriorating cast iron, ductile iron and asbestos cement watermains with new 150, 200 and 300 mm PVC mains running a total of 4.2 km to improve service reliability. The mains service 490 residential customers and have collectively experienced 42 watermain breaks.	\$4,221,000	\$32,501	Ongoing
Water	Halton, Region of	Princess Anne Well Replacement (Georgetown)	This project involves modifications to integrate the new standby well into the existing treatment system. The project includes a new pump house building, pumping equipment, raw watermain, chlorination and chemical system upgrades.	\$5,710,000	\$0	Complete
Water	Halton, Region of	Watermain 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.	\$5,220,000	\$0	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Halton, Region of	Watermain Upgrade on Trafalgar Road (Leighland to Upper Middle Road)	Replacement of aging ductile iron pipes with 300 mm diameter PVC watermain running 1.6 km in length to improve service reliability. This main provides critical network looping to service ICI and residential customers, including Sheridan College Campus.	\$3,928,000	\$1,996,724	Ongoing
Water	Halton, Region of	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.	\$4,264,000	\$0	Complete
Water	Halton, Region of	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.	\$4,584,000	\$0	Complete
Water	Halton, Region of	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.	\$2,241,000	\$0	Complete
Water	Halton, Region of	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.	\$1,674,000	\$0	Complete
Water	Halton, Region of	Rehabilitation of 500 mm Watermain - Rebecca St Bridge	Rehabilitation of a deteriorating 500 mm diameter asbestos cement watermain running the length of 100 m across the Sixteen Mile Creek bridge. The main directly services three industrial/commercial/institutional customers and is operationally critical as one of two transmission mains that crosses Sixteen Mile Creek to service south-east Oakville.	\$3,779,274	\$0	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Halton, Region of	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.	\$2,227,454	\$0	Complete
Water	Halton, Region of	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.	\$2,585,000	\$0	Complete
Water	Halton, Region of	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.	\$3,700,000	\$0	Complete
Water	Halton, Region of	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.	\$5,371,000	\$0	Complete
Water	Halton, Region of	Watermain Upgrade on Speers from Bronte Rd to Procor	Replacement of a deteriorating cast iron watermain with new 300 mm diameter PVC main running 1.5 km in length to improve service reliability. The main directly services 36 commercial and industrial customers.	\$1,789,000	\$0	Ongoing
Water	Kapuskasing, Town of	Replacement of Underground Water Infrastructure on Highway 11 - Lasalle to Gurney Rd	The Town of Kapuskasing has received a grant to resurface the connecting link from Lasalle to Gurney Road. Therefore, prior to proceeding with the asphalt resurfacing, the Town has decided to replace the watermain and some service lines on Highway 11 from Lasalle to Gurney Road.	\$1,232,648	\$836,924	Complete
Water	Kincardine, Municipality of	Tiverton Standpipe - Replace Programmable Logic Control and Install New Fire Pump	To replace the booster pump for the Tiverton standpipe. Replacement will allow the full volume of the standpipe to be utilized, improving fire flows and providing the ability to meet peak flow equalization.	\$674,626	\$318,215	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Kirkland Lake, Town of	Installation of SCADA System in Water Treatment Plant	Installation of a new SCADA system in the water treatment plant. The system is needed to continue to provide quality drinking water.	\$489,000	\$0	Ongoing
Water	LaSalle, Town of	Front Road Watermain Replacement	Replacement of the Front Road watermain from Victory St to the Town boundary. This watermain is critical to provide clean water to the southwest area of town and to support new development within this area.	\$4,000,000	\$3,695,803	Complete
Water	London, City of	Watermain Replacement on Waterloo Street	To replace deficient (undersized) watermains on Waterloo Street from Oxford Street E to Grosvenor St. Work involves replacement of 510 m of 1900 vintage cast iron watermain with new PVC watermain. Infrastructure replacement is being done in conjunction with the reconstruction of Waterloo Street including wastewater and stormwater services.	\$1,173,104	\$561,000	Complete
Water	London, City of	Huron Street River Crossing Remedial Work	To replace the existing 600 mm trunk watermain under the Thames River between Huron Street and Philip Aziz Avenue by means of underground horizontal directional drilling at a greater depth to protect the watermain from erosion at the Thames River.	\$3,632,249	\$86,954	Ongoing
Water	Loyalist, Township of	Filter Upgrade at the Bath Water Treatment Plant	The purpose of the project is to retrofit the existing packaged water plant, with a system that is capable of a couple things. Firstly, it must be able to handle sudden and sustained increases in raw water turbidity. Secondly, it needs to allow the Bath Water Treatment Plant to meet its rated capacity of 6,000 m <sup>3</sup> /day while incorporating full redundancy into the treatment system (i.e. the plant should be able to meet its rated capacity with only one filter train in operation).	\$4,907,300	\$514,800	Ongoing
Water	Machin, Municipality of	New Vermilion Bay Water Plant	Gas Tax funds are used for a new water plant, water storage, treatment equipment, fire pumps and back up generator.	\$8,896,227	\$58,913	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Madawaska Valley, Township of	Replacement of Water Meters	The Township of Madawaska Valley is undertaking a project to replace 600 residential and commercial water meters within the village of Barry's Bay. The new water meters are more accurate and easier to read - and have newer technology installed which allows for better monitoring. It also allows us, as the service provider, to monitor and record hourly water usage to ensure water is not leaking and wasted.	\$301,976	\$127,616	Complete
Water	Markham, City of	Reconstruction - Mainstreet Markham	Road reconstruction/resurfacing of Main Street from Hwy 7 to 16th Avenue, about 1.8 km in length. This project focuses on the reconstruction of Main Street and includes the replacement of watermain, storm sewers, and sanitary sewers. The improvement also benefits the quality of storm water entering creeks and streams due to the installation of oil grit separators.	\$5,764,271	\$0	Complete
Water	Marmora and Lake, Municipality of	Granular Activated Carbon Filter System Replacement	Replacement of the granular activated carbon system in treatment train #1 to improve drinking water quality at the treatment facility. The goal is to reduce chemical use and provide more aesthetically pleasing potable water for urban residents of Marmora Village.	\$53,383	\$53,383	Complete
Water	Meaford, Municipality of	Watermain replacement on Grandview Drive / Ford Ave	Watermain replacement on Grandview Drive / Ford Ave. Funds were utilized for the preliminary design of the aging and undersized water infrastructure to be replaced, alongside road, wastewater, stormwater, and sidewalk infrastructure. Preliminary design included topographical survey, development of construction drawings etc.	\$1,844,000	\$0	Ongoing
Water	Mississauga, City of	Water Line Extension - Meadow Green	Extension of a water line within a park by 439 feet to provide water access for a community garden helps increase food security, promote local community, and allows our partner group, Ecosource, to program the space and educate the community. The extension of the water line will ensure the ongoing success of the De-pave Paradise project, allow for programming around community gardens, and provide other opportunities for recreational activities at the park.	\$10,100	\$10,100	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Muskoka, District Municipality of	Huntsville Fairyview WTP Upgrade Phase 3	Upgrade the water treatment plant to comply with the Safe Drinking Water Act and the plant Drinking Water Works permit. The building envelope and interior amenities are at end of life cycle and require upgrades to ensure the building is suitable to meet the drinking water demands and quality requirements. Installation of sodium hypochlorite system as well as filter-to-waste system, replace supernatant pump and diesel backup generator, as well as modifications to the chlorine contact chamber etc.	\$6,114,600	\$1,142,979	Ongoing
Water	Muskoka, District Municipality of	Gravenhurst Water Treatment Plant Filter Under Drains & Sedimentation	Addition of new sedimentation process. Renewal/upgrade of coagulation and flocculation process, as well as renewal of filter underdrains. Included in this project is electrical and instrumentation controls for existing and proposed work.	\$6,747,000	\$401,204	Ongoing
Water	Muskoka, District Municipality of	MacTier Water Treatment Plant Modifications	Update water treatment plant systems to ensure that the plant continues to effectively produce potable water at current rated capacity. These upgrades include the incorporation of a new chlorine contact chamber, replacement of aging mechanical equipment and instrumentation devices and refurbishment of coatings.	\$2,097,500	\$868,403	Ongoing
Water	Niagara Falls, City of	Portage Road Watermain Replacement	Replaced 175 m of the existing 200 mm diameter cast iron watermain with new 200 mm diameter DR18 PVC watermain, including all water services to the property line with new curb stops and new hydrants.	\$454,100	\$151,750	Ongoing
Water	Niagara, Region of	Water Treatment Plant Upgrades - Port Colborne	Upgrades to the Port Colborne water treatment plant involve improvements to the electrical, flocculation, settling and filter processes. Work also involves upgrades for the meeting room, blower and piping, sludge pumps, highlift pumps and many upgrades and replacements to motor control centres, instrumentation and controls. No new water pipes are being replaced as they are all upgrades.	\$8,600,000	\$312,486	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Norfolk, County of	New Well & Interconnection, Delhi	Installation of pump house, well pumps and inter-connecting watermain with Well Site #2. This will help the County meet the demand for the Delhi Water System.	\$2,153,000	\$0	Complete
Water	Norfolk, County of	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.	\$5,200,000	\$0	Complete
Water	Parry Sound, Town of	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.	\$5,882,225	\$783,520	Complete
Water	Pembroke, City of	River Road Watermain Construction	Work involves the installation of new 300 mm watermain and appurtenances on River Rd from Town Line Rd to Laurier Ave (about 320 m) and the abandonment of about 275 m of 150 mm watermain. Also included is the construction of about 24 m of sanitary sewer and the abandonment of about 80 m of existing 300 mm sanitary sewer on River Rd east of Ellis Ave. Water and sewer services are being replaced or reconnected as required. Road works are limited to restoration activities after piping installation.	\$756,658	\$0	Complete
Water	Rainy River, Town of	Fifth Street Water and Wastewater Rehabilitation	The project replaced both water distribution and wastewater collection lines for the entire length of Fifth Street (a total of 530 m).	\$2,210,750	\$48,963	Ongoing
Water	Red Lake, Municipality of	Supply and Installation of Four Water Meters	The Municipality provides water meters to local property residents. Meters are owned by the Municipality. When repairs are required, the municipality fixes or replaces them.	\$5,247	\$4,725	Complete
Water	Saugeen Shores, Town of	Water Supply Line Replacement on Albert St (Emerald to Palmerston)	Replacement of the Southampton water supply line under Albert St from Emerald Dr to Palmerston St. including the twinning of the watermain for emergency protection and the installation of new valve chambers to help with the isolation of the main for maintenance.	\$873,927	\$0	Complete



Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Smiths Falls, Town of	Design and Construction of a New Water Tower	The Town of Smiths Falls' existing water tower has reached it's end of life. Maintenance costs are continuing to escalate and risks of failure are a concern for the town. A study was conducted and council has reviewed and approved a new location for an updated water tower that would meet our growing needs and provide adequate fire protection. This project is for the design and construction of the water tower.	\$2,685,000	\$0	Ongoing
Water	Smooth Rock Falls, Town of	Water Plant Upgrades	Previous high lifts were 20+ years old and weren't pumping at the design flowrate. The upgraded pumps are designed to pump water at a higher efficiency with high efficiency electric motors and a variable frequency drive for added energy savings. The previous PLC was around 20+ years old and has failed, causing operational issues. The upgraded PLC is compatible with existing plant infrastructure and the most current platform from the manufacturer has communication and networking advantages.	\$140,000	\$0	Complete
Water	South River, Village of	Replacement of Water Meters	In 2014 the Village of South River switched from a flat rate water billing model to a consumption based billing system. Water meters were installed in 427 homes and 52 businesses. Residents were educated about water conservation thus reducing the water consumption. The meters were defective; the Village is therefore replacing and upgrading every meter.	\$55,000	\$25,754	Ongoing
Water	St. Catharines, City of	Replacement of Cast Iron Watermain on Burleigh Hill Dr	Replacement of existing cast iron watermain on Burleigh Hill Dr from Glendale Avenue to Warkdale Avenue in conjunction with sewer improvements and road reconstruction.	\$3,604,831	\$0	Ongoing
Water	St. Catharines, City of	Replacement of Cast Iron Watermain on Smythe Street	Replacement of existing cast iron watermain on Smythe Street from Oakdale Avenue to Haight Street.	\$185,000	\$0	Complete
Water	St. Catharines, City of	Replacement of Cast Iron Watermain on Rendale Avenue	The replacement of existing cast iron watermain on Rendale Avenue from Dorchester Blvd to Cushman Road.	\$775,000	\$45,319	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	St. Catharines, City of	Replacement of Cast Iron Watermain on Champa Drive	Replacement of existing cast iron watermains on Champa Dr between Scott Street and Agar Drive.	\$465,000	\$31,286	Complete
Water	St. Catharines, City of	McGuire Street Watermain Replacement	Replacement of 80 m of cast iron watermain in conjunction with road reconstruction of McGuire Street and Race Street.	\$2,012,988	\$0	Complete
Water	St. Catharines, City of	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.	\$11,970,724	\$78,142	Complete
Water	Temagami, Municipality of	Waterworks Infrastructure Upgrades	We are working to renew many of the systems critical to our waterworks infrastructure - and monitor the impact - over the next few years. These upgrades will enable us to ensure continuous service without equipment malfunctions. Upgrades included the replacement of furnaces in the treatment plants and the purchase of PH meters, float replacement, chemical feed pump, PH controller and probe and a datalogger.	\$22,355	\$22,306	Complete
Water	Thunder Bay, City of	Reconstruction of Minnesota Street including Watermain, Sidewalk and Curb and Gutter	This project involves the reconstruction of underground services complete with the replacement of 390 m of an existing 85 year old watermain with corrosion issues, 450 m of new sidewalks, 340 m of sanitary sewer due to material failures, curb and gutter, street lighting and roughly 4000 m2 of paving. Numerous lead water service connections are also being replaced to the property line. Sections of storm sewer are also being replaced and improved to reduce localized flooding.	\$1,268,960	\$45,400	Ongoing

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Wawa, Municipality of	Water Treatment Plant - Supervisory Control and Data Acquisition Computer Update	The main objective of this project is the replacement of the computers and upgrade of the outdated Supervisory Control and Data Acquisition (SCADA) software that is an essential component in the operation of the Water Treatment Plant. The software program regulates the addition of chemicals to local drinking water, gathers and stores data to meet regulatory and reporting requirements, and sends alarms to the Operator when the system requires attention or any of the essential equipment fails.	\$77,657	\$77,657	Complete
Water	Wawa, Municipality of	Curb Stop Installation	To complete installation of curb stops for multiple properties. The main objective of this project is to allow for the ability to turn water supply off or on at each property. This will enable the municipality to fulfill requests for this service by property owners or complete requirements to terminate services.	\$90,100	\$18,503	Complete
Water	Welland, City of	Construction of the Dain City Forcemain (Phase 3)	The Region of Niagara is constructing a new sanitary forcemain on Southworth Street. As part of this project, the City of Welland is replacing 0.3 km of cast iron watermain and reconstructing 0.8 lane km of roadway.	\$460,000	\$19,768	Ongoing
Water	Welland, City of	Woodlawn Road Watermain Replacement & Sidewalk Construction	The aging cast iron (CI) watermain on Woodland Road (South Pelham Road to Claire Avenue) was replaced due to its deteriorating condition. Approximately 400 m of 150 mm diameter CI pipe was replaced with same sized PVC main. This replacement was prioritized based on infrastructure data including break history, design life and documented issues. The replacements will ensure continued service delivery without risk of adverse water quality due to breaks. 400m of sidewalk was also replaced.	\$750,000	\$300,000	Complete

Category	Municipality	Title	Description	Total Cost	CCBF Funds Used in 2020	Construction Status
Water	Welland, City of	Replacement of Aging Cast Iron Watermain	Lengths of aging cast iron (CI) watermain were replaced across the City due to deteriorating condition. Approximately 970 m of 150 mm diameter and 140 m of 200 mm diameter CI watermain were replaced with PVC mains of the same size. Locations were prioritized based on infrastructure data including break history, design life and documented issues. The replacements will ensure continued service delivery without risk of adverse water quality due to breaks.	\$2,229,000	\$0	Complete
Water	Westport, Village of	Westport Elevated Water Tower Rehabilitation	Phase 1 (2005): Potable water tower rehabilitation including steel repairs inside and out, WHMIS required upgrades and new covering applications inside and out and associated services including engineering, project management etc. Phase 2 (2006): External and Internal surface rehabilitation, including engineering modifications required by occupational health and safety upgrades.	\$497,000	\$38,533	Complete
Water	Whitchurch-Stouffville, Town of	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.	\$4,469,314	\$1,342,442	Ongoing
Water	Woolwich, Township of	Reconstruction of Union, College & Bauman Streets	Replace / extend watermain, sanitary and storm sewer, cellar drain and road structure with a total length of 354 m in conjunction with the reconstruction of Union Street, College Street and Bauman Street in Elmira.	\$4,737,056	\$0	Ongoing