

**AGENDA - Amended**  
**A meeting of the Council of the Corporation**  
**of the Town of Northeastern Manitoulin and the Islands**  
**to be held on Tuesday, May 11, 2021**  
**Electronic Format at 7:00 p.m.**

- 1. Call to Order**
- 2. Approval of Agenda**
- 3. Disclosure of Pecuniary Interest & General Nature Thereof**
- 4. Minutes of Previous Meeting**
  - i. Confirming By-Law 2021-25
- 5. Old Business**
  - i. Police Services Board
- 6. Manager Reports**
  - i. Administration and Finance Reports - April
- 7. New Business**
  - i. By-law 2021-26, Capital Facilities
  - ii. Tanktek – Request to work on Municipal Property
  - iii. Funding Announcement - Trillium
  - iv. Request for Donation – NEMI Community Garden
  - v. Asset Management Plan Review
- 8. Minutes and Other Reports**
  - i. Mayor's Report
- 9. Correspondence**
  - i. Zak Nicholls – Freedom of Rights
- 10. Adjournment**

**THE CORPORATION OF THE TOWN OF  
NORTHEASTERN MANITOULIN AND THE ISLANDS**

**BY-LAW NO. 2021-25**

Being a by-law of the Corporation of the Town of Northeastern Manitoulin and the Islands to adopt the minutes of Council for the term commencing December 4, 2018 and authorizing the taking of any action authorized therein and thereby.

WHEREAS the Municipal Act, S.O. 2001, c. 25. s. 5 (3) requires a Municipal Council to exercise its powers by by-law, except where otherwise provided;

AND WHEREAS in many cases, action which is taken or authorized to be taken by a Council or a Committee of Council does not lend itself to an individual by-law;

NOW THEREFORE THE COUNCIL OF THE CORPORATION OF THE TOWN OF NORTHEASTERN MANITOULIN AND THE ISLANDS ENACTS AS FOLLOWS:

1. THAT the minutes of the meetings of the Council of the Corporation of the Town of Northeastern Manitoulin and the Islands for the term commencing December 4<sup>th</sup>, 2018 and held on:

May 4, 2021

are hereby adopted.
2. THAT the taking of any action authorized in or by the minutes mentioned in Section 1 hereof and the exercise of any powers by the Council or Committees by the said minutes are hereby ratified, authorized and confirmed.
3. THAT, where no individual by-law has been or is passed with respect to the taking of any action authorized in or by the minutes mentioned in Section 1 hereof or with respect to the exercise of any powers by the Council or Committees in the above-mentioned minutes, then this by-law shall be deemed for all purposes to be the by-law required for approving and authorizing the taking of any action authorized therein or thereby or required for the exercise of any power therein by the Council or Committees.
4. THAT the Mayor and proper Officers of the Corporation of the Town of Northeastern Manitoulin and the Islands are hereby authorized and directed to do all things necessary to give effect to the recommendations, motions, resolutions, reports, action and other decisions of the Council or Committees as evidenced by the above-mentioned minutes in Section 1 and the Mayor and Clerk are hereby authorized and directed to execute all necessary documents in the name of the Corporation of the Town of Northeastern Manitoulin and the Islands and to affix the seal of the Corporation thereto.

READ A FIRST, SECOND AND THIRD TIME AND FINALLY PASSED THIS  
11<sup>th</sup> day of May, 2021.

Al MacNevin

Mayor

Pam Cress

Clerk

**The Corporation of the Town of Northeastern Manitoulin and the Islands**  
**Minutes of a Regular Council meeting held Tuesday, May 4, 2021**  
**via Zoom at 7:00p.m.**

**PRESENT:** Mayor Al MacNevin, Councillors: Barb Baker, Al Boyd, Laurie Cook, Mike Erskine, William Koehler, Dawn Orr, Jim Ferguson and Bruce Wood

**STAFF PRESENT:** David Williamson, CAO

Mayor MacNevin called the meeting to order at 7:00 p.m.

**Resolution No. 123-05-2021**

Moved by: M. Erskine

Seconded by: J. Ferguson

RESOLVED THAT the Council of the Corporation of the Town of Northeastern Manitoulin and the Islands approves the agenda as amended.

Carried

**Resolution No. 124-05-2021**

Moved by: B. Wood

Seconded by: A. Boyd

RESOLVED THAT the Council of the Corporation of the Town of Northeastern Manitoulin and the Islands now reads a first, second and third time and finally passes By-Law No 2021-24 to adopt the minutes of Council for the term commencing December 4, 2018 and authorizing the taking of any action authorized therein and thereby.

Carried

**Resolution No. 125-05-2021**

Moved by: W. Koehler

Seconded by: A. Boyd

BE IT RESOLVED THAT the Council of the Corporation of the Town of Northeastern Manitoulin and the Islands supports the efforts of Craig and Kelly Timmermans to host drive in concerts this summer under the direction of the Sudbury and District Health Unit and subject to a Municipal Festivals license and provide them with the following

1. Designation of the North Shore Concert Series as an event of Municipal significance
2. One or Two NIM bins, (the cost of which will be paid from the 2021 budget line item up to a maximum of \$2000)
3. Permission for placement of directional signage on municipal property (under the supervision of the Manager of Public Works)
4. Inclusion of the North Shore Concert Series on the Town LED sign, 3 days prior to the event.

Carried

**Resolution No. 126-05-2021**

Moved by: M. Erskine

Seconded by: B. Wood

BE IT RESOLVED THAT the Council of the Corporation of the Town of Northeastern Manitoulin and the Islands grants permission to Dan Mallette to install a water line at 119 Camp Maryanne Road, crossing the Shoreline Road Allowance and the adjacent Road Allowance, under the supervision of the Manager of Public Works.

Carried

**Resolution No. 127-05-2021**

Moved by: W. Koehler

Seconded by: L. Cook

RESOLVED THAT the Council for the Corporation of the Town of Northeastern Manitoulin and the Islands proceeds "In Camera" in order to address a matter pertaining to, a proposed or pending disposition or acquisition of land or municipal or local board purposes.

Carried

**Resolution No. 128-05-2021**

Moved by: B. Baker

Seconded by: M. Erskine

RESOLVED THAT the Council for the Corporation of the Town of Northeastern Manitoulin and the Islands does now Rise and Report.

Carried

# The Corporation of the Town of Northeastern Manitoulin and the Islands

## Minutes of Council

Page 2

### Resolution No. 129-05-2021

Moved by: L. Cook

Seconded by: B. Baker

Whereas it is the intent of Council to support the development of affordable housing for Seniors within the Town of Northeastern Manitoulin and the Islands, (Municipality) and

Whereas the Municipality is in possession of property donated by the Lilly Fielding Foundation which meets the needs of the local Manitoulin-Sudbury District Services Board (MSDSB), and

Whereas the MSDSB has committed to building affordable seniors housing on said property subject to all municipal requirements and site plan control,

THEREFORE BE IT Resolved that the Council for the Corporation for the Town of Northeastern Manitoulin and the Islands donates 1.42 Acres of property on Park Street in Little Current to the MSDSB subject to the following conditions:

1. The MSDSB agrees to construct the development by December 31, 2023 or ownership of the property reverts to the Municipality for two dollars. This condition will be registered on title at the expense of the MSDSB.
2. The MSDSB agrees to have the property surveyed and will file a copy of said survey with the Municipality and have it filed with the Registry Office at the expense of the MSDSB.
3. The MSDSB agrees to build housing as per the design (four-unit pods) as presented to council on April 27, 2021.
4. The MSDSB agrees to adhere to the locate and property size on the site plan attached to this bylaw as this site plan will minimize the use of the land for the project and maximize the land parcel which will be retained by the municipality.
5. The Municipality will comply with the Municipal Act requirement to implement a Municipal Capital Facilities Bylaw which will facilitate the donation and permit the municipality to tax the development at the residential rate (not the multi-residential rate) for a twenty-year period.
6. The MSDSB agrees that if it sells or disposes of the property within the twenty years of the date of the transfer of ownership that it will reimburse the municipality for the value of the property as if vacant as established by an independent appraiser at the time of the disposition.

Nothing in this bylaw restricts property tax obligations on the property except for the agreement to charge the residential rate for the first twenty years of MSDSB ownership. Nothing in this bylaw impacts on the ability of the Municipality to levy sewer and water charges at the same level as those imposed upon the balance of the users of the system, including but not limited to sewer and water hook-up fees and charges.

Carried

### Resolution No. 130-05-2021

Moved by: B. Wood

Seconded by: J. Ferguson

RESOLVED THAT the Council of the Corporation of the Town of Northeastern Manitoulin and the Islands does now adjourn at 8:10 pm.

Carried

Al MacNevin Mayor

David Williamson Deputy Clerk

System: 2021-05-06 8:48:50 AM  
User Date: 2021-04-30

Town of Northeastern Manitouli  
VENDOR CHEQUE REGISTER REPORT  
Payables Management

Page: 1  
User ID: CGAMMIE

Ranges: From: To: From: To:  
Cheque Number First Last Cheque Date 2021-04-01 2021-04-30  
Vendor ID First Last Chequebook ID TD GENERAL TD GENERAL  
Vendor Name First Last

Sorted By: Cheque Number

\* Voided Cheques

| Cheque Number | Vendor ID   | Vendor Cheque Name              | Cheque Date | Chequebook ID | Audit Trail Code | Amount        |
|---------------|-------------|---------------------------------|-------------|---------------|------------------|---------------|
| 016053        | AUTOP20188  | AUTO PARTS NORTH                | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 160.61     |
| 016054        | BELLC02505  | BELL CANADA                     | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 219.22     |
| 016055        | DOBBS10000  | GEORGE DOBBS                    | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 70.80      |
| 016056        | EASTL58000  | EASTLINK                        | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 207.82     |
| 016057        | FEDNO06055  | FEDERATION OF NORTHERN ONTARIO  | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 220.50     |
| 016058        | LCFOO37000  | LITTLE CURRENT FOODLAND         | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 3.49       |
| 016059        | LIBRA12310  | LIBRARY SERVICES CENTRE         | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 225.66     |
| 016060        | NCOMM14669  | NORTHERN COMMUNICATIONS         | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 962.99     |
| 016061        | REATA2017   | REALTAX INC.                    | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 1,881.66   |
| 016062        | RECCE18025  | RECEIVER GENERAL                | 2021-04-07  | TD GENERAL    | PMCHQ00003873    | \$ 17,994.67  |
| 016063        | HYDRO15675  | HYDRO ONE NETWORKS INC.         | 2021-04-08  | TD GENERAL    | PMCHQ00003874    | \$ 29,660.50  |
| 016064        | MPACO15710  | MUNICIPAL PROPERTY ASSESSMENT   | 2021-04-08  | TD GENERAL    | PMCHQ00003875    | \$ 22,359.51  |
| 016065        | TIMCO20500  | RONA LITTLE CURRENT BUILDING C  | 2021-04-08  | TD GENERAL    | PMCHQ00003875    | \$ 3,447.38   |
| 016066        | CEPLO03600  | UNIFOR                          | 2021-04-09  | TD GENERAL    | PMCHQ00003876    | \$ 1,262.41   |
| 016067        | COMPU75200  | COMPUTREK                       | 2021-04-09  | TD GENERAL    | PMCHQ00003876    | \$ 2,425.43   |
| 016068        | CONDI20199  | DIANNE CONSTANTINEAU            | 2021-04-09  | TD GENERAL    | PMCHQ00003876    | \$ 150.00     |
| 016069        | FREEL17000  | FREELANDT CALDWELL REILLY LLP   | 2021-04-09  | TD GENERAL    | PMCHQ00003876    | \$ 14,407.50  |
| 016070        | LAIDL34440  | LAIDLEY STATIONERY & OFFICE FU  | 2021-04-09  | TD GENERAL    | PMCHQ00003876    | \$ 501.02     |
| 016071        | LAURE12030  | LAURENTIAN BUSINESS PRODUCTS I  | 2021-04-09  | TD GENERAL    | PMCHQ00003876    | \$ 8,270.47   |
| 016072        | MANSU13148  | MANITOULIN-SUDEBURY DISTRICT SO | 2021-04-09  | TD GENERAL    | PMCHQ00003876    | \$ 89,486.16  |
| 016073        | OMERS15410  | OMERS - PENSION ACCOUNTS        | 2021-04-09  | TD GENERAL    | PMCHQ00003876    | \$ 20,591.62  |
| 016074        | SUDHE19910  | PUBLIC HEALTH SUDBURY & DISTRI  | 2021-04-09  | TD GENERAL    | PMCHQ00003876    | \$ 9,163.32   |
| 016075        | ALLBJ13850  | B. J. ALLISON, B.A., LL.B, BAR  | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 553.71     |
| 016076        | BELLC02505  | BELL CANADA                     | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 102.83     |
| 016077        | BELLC02510  | BELL CANADA                     | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 80.51      |
| 016078        | FINEH06100  | MINISTER OF FINANCE             | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 1,869.84   |
| 016079        | HWYAU66600  | HIGHWAY 6 AUTO SERVICE          | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 30.00      |
| 016080        | NORRS20211  | SUZANNE NORRIS                  | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 41.00      |
| 016081        | RECCE18025  | RECEIVER GENERAL                | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 990.30     |
| 016082        | WILLW10000  | WAYNE WILLIAMSON                | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 134.46     |
| 016083        | WOORJ20188  | RONALD WOOD                     | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 932.40     |
| 016084        | WSIBO23750  | WORKPLACE SAFETY & INSURANCE B  | 2021-04-13  | TD GENERAL    | PMCHQ00003877    | \$ 39.72      |
| 016085        | RECCE18025  | RECEIVER GENERAL                | 2021-04-13  | TD GENERAL    | PMCHQ00003878    | \$ 752.85     |
| 016086        | WSIBO23750  | WORKPLACE SAFETY & INSURANCE B  | 2021-04-13  | TD GENERAL    | PMCHQ00003878    | \$ 174.76     |
| 016087        | BELLC02500  | BELL CANADA                     | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 2,030.12   |
| 016088        | EASTA22550  | EASTLINK                        | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 229.27     |
| 016089        | EASTL58000  | EASTLINK                        | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 90.35      |
| 016090        | ESTLS20211  | ESTATE OF LAURENCE STEPHENS     | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 56.50      |
| 016091        | GFLN20199   | GFL ENVIRONMENTAL INC.          | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 6,610.48   |
| 016092        | KSMAR85000  | K. SMART ASSOCIATES LIMITED     | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 446.35     |
| 016093        | LCFOO37000  | LITTLE CURRENT FOODLAND         | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 100.00     |
| 016094        | MANHO66660  | MANITOWANING HOME HARDWARE      | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 18.06      |
| 016095        | NSECU14725  | NORTHERN SECURITY               | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 66.59      |
| 016096        | ORRVA72700  | ORR'S VALU-MART                 | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 188.68     |
| 016097        | PUROL16900  | PURULATOR INC.                  | 2021-04-14  | TD GENERAL    | PMCHQ00003879    | \$ 132.00     |
| 016098        | BELLM00075  | BELL MOBILITY                   | 2021-04-16  | TD GENERAL    | PMCHQ00003880    | \$ 707.98     |
| 016099        | JLRIC18175  | J. L. RICHARDS & ASSOCIATES LI  | 2021-04-16  | TD GENERAL    | PMCHQ00003880    | \$ 1,299.22   |
| 016100        | POSTA16750  | POSTAGE BY PHONE                | 2021-04-16  | TD GENERAL    | PMCHQ00003880    | \$ 5,650.00   |
| 016101        | RECCE18025  | RECEIVER GENERAL                | 2021-04-16  | TD GENERAL    | PMCHQ00003880    | \$ 35,021.52  |
| 016102        | TOROM4764   | TOROMONT CAT                    | 2021-04-16  | TD GENERAL    | PMCHQ00003880    | \$ 178,463.83 |
| 016103        | VIANE22225  | VIANET INTERNET SOLUTIONS       | 2021-04-16  | TD GENERAL    | PMCHQ00003880    | \$ 73.39      |
| 016104        | MCDOU20070  | MCDUGALL ENERGY INC.            | 2021-04-20  | TD GENERAL    | PMCHQ00003881    | \$ 23,950.25  |
| 016105        | ARMSTR10001 | RICK ARMSTRONG                  | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 155.64     |
| 016106        | ARMTE00038  | ARMTEC INC.                     | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 20,421.49  |
| 016107        | BEAMC20177  | BEAMISH CONSTRUCTION INC.       | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 7,159.83   |
| 016108        | CAMTR00117  | CAMBRIAN TRUCK CENTRE INC.      | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 1,928.02   |

System: 2021-05-06 8:48:50 AM  
User Date: 2021-04-30

Town of Northeastern Manitouli  
VENDOR CHEQUE REGISTER REPORT  
Payables Management

Page: 2  
User ID: CGAMMIE

\* Voided Cheques

| Cheque Number | Vendor ID  | Vendor Cheque Name             | Cheque Date | Chequebook ID | Audit Trail Code | Amount        |
|---------------|------------|--------------------------------|-------------|---------------|------------------|---------------|
| 016109        | COULA20188 | COUREY LAW PROFESSIONAL CORPOR | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 14,666.30  |
| 016110        | EASTL58000 | EASTLINK                       | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 126.79     |
| 016111        | JEFES37700 | JEFF'S TAXI AND DELIVERY       | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 39.55      |
| 016112        | JJPOL10305 | JJ POLE LINE CONSTRUCTION      | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 17,289.00  |
| 016113        | LAURE12030 | LAURENTIAN BUSINESS PRODUCTS I | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 73.39      |
| 016114        | MANEX13120 | MANITOULIN EXPOSITOR           | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 1,499.48   |
| 016115        | MANTS99099 | MANITOULIN TRAINING SOLUTIONS  | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 800.04     |
| 016116        | ONTCL15670 | ONTARIO CLEAN WATER AGENCY     | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 19,890.37  |
| 016117        | PUROL16900 | PUROLATOR INC.                 | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 165.42     |
| 016118        | SOUIC16000 | SOUIC-SALO SAFETY INC. SUDBUR  | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 84.62      |
| 016119        | STELL19790 | STEEL COMMUNICATIONS           | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 339.00     |
| 016120        | WORKE23700 | WORK EQUIPMENT LTD.            | 2021-04-20  | TD GENERAL    | PMCHQ00003882    | \$ 326.23     |
| 016121        | WSIBO23750 | WORKPLACE SAFETY & INSURANCE B | 2021-04-21  | TD GENERAL    | PMCHQ00003883    | \$ 2,416.88   |
| 016122        | CHAPJ35000 | JOSEPH MAXWELL CHAPMAN         | 2021-04-21  | TD GENERAL    | PMCHQ00003884    | \$ 2,500.00   |
| 016123        | COOSO66616 | COOPER AND SONS PLUMBING       | 2021-04-22  | TD GENERAL    | PMCHQ00003885    | \$ 727.29     |
| 016124        | HYDRO15675 | HYDRO ONE NETWORKS INC.        | 2021-04-22  | TD GENERAL    | PMCHQ00003885    | \$ 1,833.66   |
| 016125        | MIKEV63630 | MIKE VAREY EXCAVATING & EQUIPM | 2021-04-22  | TD GENERAL    | PMCHQ00003885    | \$ 2,084.51   |
| 016126        | RASTA26800 | RASTALL MINE SUPPLY LIMITED    | 2021-04-22  | TD GENERAL    | PMCHQ00003885    | \$ 80.46      |
| 016127        | RUSTR20199 | RUSH TRUCK CENTRES OF CANADA L | 2021-04-22  | TD GENERAL    | PMCHQ00003885    | \$ 917.83     |
| 016128        | TNEMI90327 | TOWN OF NORTHEASTERN MANITOULI | 2021-04-22  | TD GENERAL    | PMCHQ00003885    | \$ 4,288.97   |
| 016129        | ALLEN00022 | ALLEN'S AUTOMOTIVE             | 2021-04-22  | TD GENERAL    | PMCHQ00003886    | \$ 3,204.67   |
| 016130        | BELL00071  | BELL                           | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 45.08      |
| 016131        | BELL02505  | BELL CANADA                    | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 470.08     |
| 016132        | CONDI20199 | DIANNE CONSTANTINEAU           | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 200.00     |
| 016133        | GREER20177 | GREER GALLOWAY                 | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 2,188.58   |
| 016134        | LIBRA12310 | LIBRARY SERVICES CENTRE        | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 269.86     |
| 016135        | MANFU13125 | MANITOULIN FUELS               | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 373.96     |
| 016136        | ONTCL15670 | ONTARIO CLEAN WATER AGENCY     | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 1,712.87   |
| 016137        | PCOSE16005 | ORKIN CANADA CORPORATION       | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 322.05     |
| 016138        | ROGER00116 | ROGERS CANTEL INC.             | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 277.47     |
| 016139        | ROSZJ27270 | JAMIE ROSZEL                   | 2021-04-23  | TD GENERAL    | PMCHQ00003887    | \$ 215.00     |
| 016140        | ADMRE20202 | ADMINPLEX RESOURCE SERVICES IN | 2021-04-28  | TD GENERAL    | PMCHQ00003888    | \$ 106.83     |
| 016141        | DHELE18686 | DH ELECTRICAL                  | 2021-04-28  | TD GENERAL    | PMCHQ00003888    | \$ 1,799.69   |
| 016142        | MANUL51450 | MANULIFE FINANCIAL             | 2021-04-28  | TD GENERAL    | PMCHQ00003888    | \$ 9,694.80   |
| 016143        | OTISC15800 | OTIS CANADA, INC.              | 2021-04-28  | TD GENERAL    | PMCHQ00003888    | \$ 2,748.37   |
| 016144        | PUROL16900 | PUROLATOR INC.                 | 2021-04-28  | TD GENERAL    | PMCHQ00003888    | \$ 57.39      |
| 016145        | REATA2017  | REALTAX INC.                   | 2021-04-28  | TD GENERAL    | PMCHQ00003888    | \$ 242.95     |
| 016146        | TYCOI61518 | TYCO INTEGRATED SECURITY CANAD | 2021-04-28  | TD GENERAL    | PMCHQ00003888    | \$ 1,222.16   |
| 016147        | ULINE60606 | ULINE CANADA CORPORATION       | 2021-04-28  | TD GENERAL    | PMCHQ00003888    | \$ 1,841.05   |
| 016148        | VOLPM20211 | MELISSA VOLPINI                | 2021-04-28  | TD GENERAL    | PMCHQ00003888    | \$ 200.00     |
| 016149        | USBAN95502 | US BANK NATIONAL ASSOCIATION   | 2021-04-29  | TD GENERAL    | PMCHQ00003889    | \$ 3,408.98   |
| 016150        | CIMCO20202 | CIMCO REFRIGERATION            | 2021-04-29  | TD GENERAL    | PMCHQ00003890    | \$ 231,630.90 |
| 016151        | TOROM4764  | TOROMONT CAT                   | 2021-04-29  | TD GENERAL    | PMCHQ00003890    | \$ 444.81     |
| 016152        | AIRSU20188 | AIR SUPPORT INC.               | 2021-04-30  | TD GENERAL    | PMCHQ00003891    | \$ 84.75      |
| 016153        | CORMC20202 | CHARLES CORMIER                | 2021-04-30  | TD GENERAL    | PMCHQ00003891    | \$ 1,130.00   |
| 016154        | GRAHA65650 | GRAHAM ENERGY LIMITED          | 2021-04-30  | TD GENERAL    | PMCHQ00003891    | \$ 14,401.31  |
| 016155        | HAGENG1001 | GEORGE HAGEN                   | 2021-04-30  | TD GENERAL    | PMCHQ00003891    | \$ 300.00     |
| 016156        | MSRTI20211 | MSR TIRE LTD.                  | 2021-04-30  | TD GENERAL    | PMCHQ00003891    | \$ 1,396.68   |
| 016157        | PIOPO20199 | PIONEER POWER INDUSTRIES LTD.  | 2021-04-30  | TD GENERAL    | PMCHQ00003891    | \$ 40.43      |
| 016158        | RECCE18030 | RECEIVER GENERAL FOR CANADA    | 2021-04-30  | TD GENERAL    | PMCHQ00003891    | \$ 1,144.90   |
| 016159        | WILLI10000 | DAVID WILLIAMSON               | 2021-04-30  | TD GENERAL    | PMCHQ00003891    | \$ 450.00     |
| 016160        | USBAN95502 | US BANK NATIONAL ASSOCIATION   | 2021-04-30  | TD GENERAL    | PMCHQ00003892    | \$ 2,941.47   |
| 016161        | USBAN95502 | US BANK NATIONAL ASSOCIATION   | 2021-04-30  | TD GENERAL    | PMCHQ00003893    | \$ 436.91     |
| 016162        | GOVDE20211 | GOVDEALS, INC.                 | 2021-04-30  | TD GENERAL    | PMCHQ00003894    | \$ 41,527.50  |
| 016163        | USBAN95502 | US BANK NATIONAL ASSOCIATION   | 2021-04-30  | TD GENERAL    | PMCHQ00003895    | \$ 2,326.63   |

Total Cheques: 111

Total Amount of Cheques: \$ 913,182.61

TOTAL APRIL 2021 PAYROLL EXPENSES : \$ 129,457.82

TOTAL APRIL 2021 EXPENSES : \$ 1,042,640.43

## TOWN OF NORTHEASTERN MANITOULIN & THE ISLANDS

### Accounts Receivable - Water / Sewer

|                 |      |             |
|-----------------|------|-------------|
| MARCH           | 2021 | -\$7,425.17 |
| APRIL           | 2021 | \$60,387.90 |
| Change in Month |      | \$67,813.07 |

|                   |              |
|-------------------|--------------|
| Billed in Month   | \$247,618.90 |
| Payments in Month | \$179,805.83 |

Currently there are 32 accounts over \$400.00;

32 - due to recent billing - due April 30th.

Arrears notices will be sent to all accounts with outstanding balances.  
Accounts over \$400.00 may be transferred to tax account, if not paid.

TOWN OF NORTHEASTERN MANITOULIN & THE ISLANDS

***Accounts Receivable - Taxes***

---

|                 |      |                |
|-----------------|------|----------------|
| MARCH           | 2021 | \$1,405,202.92 |
| APRIL           | 2021 | \$771,658.65   |
| Change in Month |      | -\$633,544.27  |

Billings in period

Payments in Month                      \$633,544.27

Arrears notices will be sent to all accounts with outstanding balances.



TOWN OF NORTHEASTERN MANITOULIN and the ISLANDS

Last Updated : 06/05/2021  
12:23 PM

2021 OPERATING SUMMARY  
For the Four Months Ending 30/04/2021

|                                               | 2021<br>APPROVED<br>BUDGET | 2021<br>ACTUALS    |
|-----------------------------------------------|----------------------------|--------------------|
| <b>REVENUES</b>                               |                            |                    |
| <b>LOCAL TAXATION</b>                         |                            |                    |
| Municipal Levy                                | \$6,043,645                | \$2,738,984        |
| - Due to School Boards                        | (1,024,213)                | (518,332)          |
| <b>Net Municipal Levy</b>                     | <b>\$5,019,432</b>         | <b>\$2,220,652</b> |
| Business Improvement Area                     | 7,000                      | 3,500              |
|                                               | <u>\$5,026,432</u>         | <u>\$2,224,152</u> |
| <b>PAYMENTS IN LIEU OF TAX</b>                |                            |                    |
|                                               | \$88,700                   | \$74,647           |
| <b>PROVINCIAL OMPF &amp; OTHER ALLOCATION</b> |                            |                    |
|                                               | \$1,633,400                | \$816,700          |
| <b>FUNCTIONAL REVENUES</b>                    |                            |                    |
| Protective Services                           | \$132,846                  | \$52,245           |
| Transportation Services                       | 26,600                     | 1,355              |
| Environmental Services                        | 1,281,216                  | 304,595            |
| Health Services                               | 12,125                     | 2,893              |
| Social and Family Services                    | 0                          | 0                  |
| Recreation & Cultural Services                | 703,203                    | 13,052             |
| Planning & Development                        | 5,800                      | 3,405              |
|                                               | <u>\$2,161,790</u>         | <u>\$377,545</u>   |
| <b>OTHER SOURCES OF REVENUE</b>               |                            |                    |
|                                               | \$186,400                  | \$96,269           |
| TRANSFERS FROM RESERVES                       | 0                          | 0                  |
| PRIOR YR'S SURPLUS (DEFICIT)                  | 0                          | 0                  |
| <b>TOTAL SOURCES OF REVENUE</b>               | <b>\$9,096,722</b>         | <b>\$3,589,314</b> |
| <b>EXPENDITURES</b>                           |                            |                    |
| <b>GENERAL GOVERNMENT</b>                     |                            |                    |
| Operations                                    | \$1,221,203                | \$440,623          |
| Transfers to Reserves                         | 364,334                    | 0                  |
| <b>Subtotal</b>                               | <b>\$1,585,537</b>         | <b>\$440,623</b>   |
| <b>PROTECTIVE SERVICES</b>                    |                            |                    |
| Fire Department                               | \$173,505                  | \$53,102           |
| Policing (provincial billing)                 | 755,971                    | 125,996            |
| Building Inspection                           | 118,010                    | 30,647             |
| Other Protective Services                     | 37,400                     | 11,976             |
| Transfers to Reserves                         | 0                          | 0                  |
| <b>Subtotal</b>                               | <b>\$1,084,886</b>         | <b>\$221,721</b>   |
| <b>TRANSPORTATION SERVICES</b>                |                            |                    |
| Roadways                                      | \$1,622,682                | \$453,470          |
| Street Lighting                               | 6,500                      | 16,509             |
| Crossing Guards                               | 30,760                     | 6,682              |
| Manitoulin East Airport                       | 63,555                     | 63,555             |
| Transfers to Reserves                         | 0                          | 0                  |
| <b>Subtotal</b>                               | <b>\$1,723,497</b>         | <b>\$540,216</b>   |



TOWN OF NORTHEASTERN MANITOULIN and the ISLANDS

Last Updated : 06/05/2021  
12:23 PM

2021 OPERATING SUMMARY  
For the Four Months Ending 30/04/2021

|                                           | 2021<br>APPROVED<br>BUDGET | 2021<br>ACTUALS         |
|-------------------------------------------|----------------------------|-------------------------|
| <b>ENVIRONMENTAL SERVICES</b>             |                            |                         |
| Sanitary & Storm Sewers                   | \$392,568                  | \$94,774                |
| Waterworks                                | 498,420                    | 98,495                  |
| Garbage Collection                        | 72,427                     | 8,977                   |
| Garbage Disposal                          | 263,081                    | 52,322                  |
| Household Hazardous Waste                 | 30,800                     | 0                       |
| Landfill Closure Loan Payment             | 72,187                     | 24,062                  |
| Recycling                                 | 48,000                     | 8,521                   |
| Leachate Management                       | 40,000                     | 0                       |
| Transfers to Reserves                     | 287,528                    | 0                       |
| Subtotal                                  | <u>\$1,705,011</u>         | <u>\$287,151</u>        |
| <b>HEALTH SERVICES</b>                    |                            |                         |
| Health Unit                               | \$107,867                  | \$36,653                |
| Land Ambulance                            | 722,515                    | 228,017                 |
| Cemeteries                                | 29,326                     | 1,784                   |
| Subtotal                                  | <u>\$859,708</u>           | <u>\$266,454</u>        |
| <b>SOCIAL &amp; FAMILY SERVICES</b>       |                            |                         |
| Manitoulin- Sudbury DSSAB                 | \$406,292                  | \$129,928               |
| Centennial Manor                          | 135,693                    | 32,945                  |
| Subtotal                                  | <u>\$541,985</u>           | <u>\$162,872</u>        |
| <b>RECREATION &amp; CULTURAL SERVICES</b> |                            |                         |
| Municipal Parks                           | \$113,273                  | \$13,364                |
| Recreation Centre                         | 624,813                    | 165,207                 |
| Public Library                            | 99,363                     | 84,413                  |
| LC-H Centennial Museum                    | 105,147                    | 24,402                  |
| Spider Bay Marina                         | 236,375                    | 20,833                  |
| Other Marine Facilities                   | 140,734                    | 17,926                  |
| Transfers to Reserves                     | 53,441                     | 0                       |
| Subtotal                                  | <u>\$1,373,147</u>         | <u>\$326,145</u>        |
| <b>PLANNING &amp; DEVELOPMENT</b>         |                            |                         |
| Local Planning Administration             | 9,451                      | 3,751                   |
| Tourism Promotion                         | 16,200                     | 0                       |
| Business Improvement Area                 | 7,000                      | 10                      |
| Economic Development                      | 27,600                     | 1,724                   |
| Transfers to Reserves                     | 0                          | 0                       |
| Subtotal                                  | <u>\$60,251</u>            | <u>\$5,485</u>          |
| <b>TOTAL EXPENDITURE</b>                  | <u>\$8,934,022</u>         | <u>\$2,250,667</u>      |
| <b>NET OPERATING</b>                      | <b>\$162,700</b>           | <b>\$1,338,647</b>      |
| <b>NET CAPITAL EXPENDITURE</b>            | <b>\$162,700</b>           | <b>\$579,449</b>        |
| <b>MUNICIPAL SURPLUS/(-DEFICIT)</b>       | <u><b>\$0</b></u>          | <u><b>\$759,198</b></u> |

**THE CORPORATION OF THE TOWN OF NORTHEASTERN  
MANITOULIN AND THE ISLANDS**

**BY-LAW 2021-26,**

**A BY-LAW TO PROVIDE FOR MUNICIPAL CAPITAL FACILITIES FOR  
MUNICIPAL HOUSING PROJECT FACILITIES**

**WHEREAS** Section 110(1) of the *Municipal Act 2001 c. 25* as amended allows a Municipality to pass a by-law to enter into an agreement for the provision of municipal capital facilities by any person and to authorize certain forms of assistance including tax exemptions; and

**WHEREAS** pursuant to O.Reg. 603/06 as amended, made under the *Municipal Act, 2001* an agreement for the provision of municipal housing project facilities as municipal capital facilities can provide for a tax exemption; and

**WHEREAS** pursuant to O. Reg. 603/06 as amended, requires that a municipality must pass a municipal housing facilities by-law which is compliant with requirements set out in that regulation prior to passing a by-law authorizing an agreement respecting municipal housing project facilities; and

**WHEREAS** the Manitoulin-Sudbury District Services Board, as municipal Service Manager is the delivery agent under the *Ontario Works Act, 1997* S.O. 1997, c. 25, Schedule A, O.Reg. 136/98 and is authorized to establish, administer and fund housing and homelessness programs and services and may provide housing directly in its service area under the *Housing Services Act, 2011*; and

**WHEREAS** Council for The Town of Northeastern Manitoulin and the Islands deems it desirable to provide certain forms of financial or other assistance at less than fair market value as provided in *Section 110 (1) of the Municipal Act, 2001 c. 25*, for the provision of municipal housing project facilities as municipal capital facilities on certain terms and conditions and for that purpose enacts this by-law pursuant to paragraph 7(1)(a) of O. Reg. 603/06;

**NOW THEREFORE**, the Council of The Town of Northeastern Manitoulin and the Islands hereby enacts as follows;

**Section 1- Definitions**

1. Act means the Municipal Act, 2001, S.O. 2001, c. 25 as amended and regulations thereunder;
2. Affordable Housing means a Housing Project which meets the guidelines in Subsection 2 or is deemed to be Affordable Housing in accordance with Subsection 2 of this By-law;

3. Average Market Rent for any calendar year means the average monthly market rent by unit type, located within The Town of Northeastern Manitoulin and the Islands as determined and published annually by Canada Mortgage and Housing Corporation in their annual fall housing rental market survey.
4. Council means the Council of The Town of Northeastern Manitoulin and the Islands;
5. Household means an individual who lives alone or two or more individuals who live together;
6. Household Income means the gross annual income from all sources of all persons who reside in a Housing Unit, or will reside in a Housing Unit if such Housing Unit were rented to the;
7. Housing Project means a project or part of a project designed to provide or facilitate the provision of rental residential accommodation, with or without any public space, recreational facilities and commercial space or buildings appropriate thereto, which project or part of a project is not a registered condominium or to be registered as a condominium;
8. Housing Provider means MSDSB.
9. Housing Unit means a unit in a MSDSB Housing Project Facility;
10. Municipal Housing Project Facilities means the class of municipal facilities prescribed in paragraph 18 of Section 2 of O. Reg. 603/06;
11. Municipal Housing Project Facilities Agreement, herein called the "Agreement", means an agreement compliant with Section 5 of the By-law, entered into with a Housing Provider for the provision of Housing Projects as Municipal Housing Project Facilities as a form of municipal capital facilities;
12. Unit Size means the size of unit within a Municipal Housing Project Facility or potential Municipal Housing Project Facility, measured by the number of bedrooms;
13. Wait List means the wait list maintained by Manitoulin-Sudbury District Services Board in accordance with the *Housing Services Act*, 2011, regulations under the Act and any policies adopted by the Manitoulin-Sudbury District Services Board in accordance with the Act.

## **Section 2- Affordable Housing Defined**

For the purpose of this By-law and for a Municipal Housing Project Facilities Agreement, "Affordable Housing" shall include all Housing Projects in which the rent charged per Unit Size, inclusive of utilities but exclusive of parking, telephone and other similar fees, is less than or equal to the Average Market Rent of each Unit Size.

## **Section 3-Limits on Municipal Housing Project Facilities Agreement**

The Town shall not enter into a Municipal Housing Project Facilities Agreement unless:

- a) Council has determined that the Housing Units to be provided as part of the Municipal Housing Project Facilities fall within the definition of Affordable Housing or are deemed to be Affordable Housing; and
- b) A By-law has been passed by Council authorizing an Agreement for Municipal Housing Project Facilities and authorizing the form of financial assistance to be provided.

## **Section 4 - Eligibility Under a Municipal Housing Project Facilities Agreement**

1. Eligibility for the Housing Units to be provided pursuant to MSDSB Eligibility Criteria with a preference for seniors housing shall be determined in accordance with the following
  - a) Housing Units shall be made available initially to Senior Households on the Wait List subject to their ability to pay the affordable rent for the available unit; and
  - b) The Manitoulin-Sudbury District Services Board determines that there are not Households available as set out above, Housing Units may be made available to Households of the general public using a selection system approved by the CAO of the Manitoulin-Sudbury District Services Board.

## **Section 5 - Terms of Municipal Housing Facilities Agreement**

1. Any Municipal Housing Project Facilities Agreement shall include, but shall not be limited to such provisions:
  - a) The term is not less than 20 years
  - b) Housing Units in the Municipal Housing Project Facility shall, throughout the term of the agreement, qualify as Affordable Housing within the meaning of this By-law;
  - c) The Housing Provider comply with those matters set out in Section 4 of this By-law;
  - d) The Municipal Housing Project Facilities Agreement is binding on the Housing Provider's heirs, successors and permitted assigns;
  - e) During the term of the Municipal Housing Project Facilities Agreement the Housing Provider shall, as a condition precedent to a sale to a subsequent purchaser, require the subsequent purchaser to enter into an agreement with the Town and that agreement shall impose the terms of the Municipal Housing Project Facilities Agreement on that subsequent purchaser;
  - f) An identification of the benefits being conveyed to the Housing Provider under the By-law;
  - g) Such other contractual provisions which are required to be inserted based on fundamental contractual drafting principles.

## **Section 6 - Financial and/or other Assistance - Conditions**

1. A Municipal Housing Project Facilities Agreement may, with respect to the provision, lease, operation and maintenance of the Municipal Housing Project Facilities that are subject to the Agreement provide for financial or other assistance at less than fair market value or at no cost to the Housing Provider with respect to the provision, lease, operation or maintenance of the facilities that are the subject of the Agreement, and such assistance may include:
  - a) Giving in-kind municipal services; and/or
  - b) Provide an exemption from all or part of the taxes levied for municipal and school purposes on land or a portion of it on which the municipal capital facilities are or will be located on in accordance with Section 110 (6) of the Act; and
  - c) The tax rate applied to the project will remain the same as the Res/Farm rate for the duration of this agreement, and any renewal thereof.

## **Section 7 - Interpretation**

1. Whenever this By-law refers to a person or thing with reference to gender or the gender neutral, the intention is the read the By-law with the gender applicable to the circumstances.
2. References to items in the plural include the singular, as applicable;
3. The words "include", "including" and "includes" are not to be read as limiting the phrases or descriptions that precede them.
4. Headings are inserted for ease of reference only and are not to be used as interpretation aids.
5. Specific references to statutes and regulations in the By-law are meant to refer to the current laws applicable with the Province of Ontario as at the time the By-law was enacted, as they are amended from time to time.
6. Any reference to periods of time, stated in numbers of days, shall be deemed applicable on the first business day after a Sunday or Statutory holiday if the expiration of the time period occurs on a Sunday or Statutory holiday.
7. The obligations imposed by this By-law are in addition to obligations otherwise imposed by law or contract.

## **Section 8 - Severability / Conflict**

1. If any section, Subsection, part or parts of this By-law is declared by any court of law to be bad, illegal or ultra vires, such section, subsection, part or parts shall be deemed to be severable and all parts hereof are declared to be separate and independent and enacted as such.
2. Nothing in this By-law relieves any person from complying with any provisions of any Federal or Provincial legislation or another By-law of the Township.
3. Where a provision of this By-law conflicts with the provisions of another By-law in force in the Township, the provision that establishes the higher standard to protect the health, safety and welfare of the general public shall prevail.

## **Section 9 - Short Title**

This By-law may be referred to as the Municipal Housing Facilities By-law.

1. That Council adopts a Municipal Housing Facilities policy identified as Schedule "A", attached hereto and forming part of this by-law.
2. This by-law shall come into full force and effect upon passage.
3. Should any section, subsection, clause, paragraph or provision of this By-law be declared by a court of competent jurisdiction to be invalid or unenforceable, the same shall not affect the validity or enforceability of any other provision of this by-law or the by-law as a whole.
4. That the Clerk of The Town of Northeastern Manitoulin and the Islands is hereby authorized to make minor modifications or corrections of a grammatical or typographical nature to the By-law and schedule, after the passage of this By-law, where such modification or corrections do not alter the intent of the by-law or its associated schedule..

**READ** a first time this       day of       , 2021

**READ** a second and third time and finally passed in open Council this       day of

**From:** Thomas Burt [mailto:tomburt@tanktek.com]  
**Sent:** May 4, 2021 11:02 AM  
**To:** Dave Williamson  
**Cc:** Thomas Burt  
**Subject:** Proposed Boreholes - Adjacent to 32 Water Street East

Good morning Dave,

TankTek Environmental Services Ltd. (TankTek) proposes to drill 3 to 7 offsite environmental delineation boreholes adjacent to 32 Water Street East for purpose of delineation on behalf of Robert Little.

32 Water Street East is occupied by Little Wally's Dock Service and is comprised of a marine retail fuel facility, a marine sewage/waste water pump out service and a marine convenience store. Previous environmental assessment completed on the Site has identified some low concentrations of petroleum contamination. Reports have been submitted to the Technical Standards and Safety Authority (TSSA). The TSSA has subsequently requested the owner to complete offsite delineation.

The potential/approximate borehole locations are indicated on the attached drawing. TankTek is requesting authorization to drill the proposed boreholes, on the municipal property, and to install a groundwater monitoring well within each completed borehole. The proposed boreholes will be approximately 8 inches (200 mm) in diameter, the inner monitoring well casings are proposed to be 2 inches in diameter (50 mm) and metal exterior flush mounted well covers will be grouted in place.

Please advise if TankTek has NEMI's authorization to proceed with this project as described above.

No not hesitate to contact me should you have any questions or require additional information.

Best regards,

Thomas Burt, P. Eng., QP  
TankTek Environmental Services Ltd.

970 - 3<sup>rd</sup> Concession Road  
RR#1 Pickering, Ontario, L1V 2P8  
Phone: 905-839-4400 x201 or Toll Free: 1-877-789-6224  
Fax: 905-839-6600  
Email: [tomburt@tanktek.com](mailto:tomburt@tanktek.com) or [inquiries@tanktek.com](mailto:inquiries@tanktek.com)  
Web Page: [www.tanktek.com](http://www.tanktek.com)

This message, including attachments, is confidential and may be privileged. If you are not the intended recipient, please notify the sender then delete and destroy the original message and all copies. You should not copy, forward and/or disclose this message, in whole or in part, without permission of the sender.

---

Total Control Panel

To: [dwilliamson@townofnemi.on.ca](mailto:dwilliamson@townofnemi.on.ca)  
From: tomburt@tanktek.com

Message Score: 50  
My Spam Blocking Level: Medium

High (60): Pass  
Medium (75): Pass  
Low (90): Pass

[Block this sender](#)  
[Block tanktek.com](#)

*This message was delivered because the content filter score did not exceed your filter level.*

[Log](#)

---

Total Control Panel

To: [dwilliamson@townofnemi.on.ca](mailto:dwilliamson@townofnemi.on.ca)  
From: tomburt@tanktek.com

Message Score: 50  
My Spam Blocking Level: Medium

High (60): Pass  
Medium (75): Pass  
Low (90): Pass

[Login](#)

2021-04-16, Town of Northeastern Manitoulin and the Islands (RF113548)

## SCHEDULE A

### BUDGET RESILIENT COMMUNITIES FUND OUTCOMES PAYMENT AND REPORT SCHEDULES

**Grantee:** The Corporation of the Town of Northeastern Manitoulin and the Islands

**Application ID:** RF113548 **Approved Amount:** \$111,500.00

**Approval Date:** 2021-03-04 **Grant Term:** 12 Months

**Assigned Staff:** Carmen Robillard

The Grant to your organization is based on information provided in your application.

#### BUDGET

Grant funds may only be spent as per the approved amounts in each of the categories below, which are based on itemized details provided in the financial workbook submitted with your application. Moving spending between categories must receive prior written consent from OTF.

#### Direct Personnel Costs

| OTF Budget Request                  | Requested Amount | Notes |
|-------------------------------------|------------------|-------|
| Direct Personnel Cost               | \$0.00           |       |
| <b>Total Direct Personnel Costs</b> | <b>\$0.00</b>    |       |

#### Direct Non-Personnel Costs

|                                         |                     |                                                                                                                                                                                                     |
|-----------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purchased Service                       | \$10,000.00         | Contractor Fees for installation of touchless amenities within our recreational facilities.                                                                                                         |
| Workshops, Meetings, Convening          | \$0.00              |                                                                                                                                                                                                     |
| Supplies And Materials                  | \$36,500.00         | Purchase of touchless features (faucets, paper towel dispensers, toilet paper dispensers, soap and hand sanitizer dispensers and batteries to run these amenities) for our recreational facilities. |
| Travel                                  | \$0.00              |                                                                                                                                                                                                     |
| Evaluation                              | \$0.00              |                                                                                                                                                                                                     |
| Capital                                 | \$65,000.00         | Construction of washroom facility at the Museum Park and Playground.                                                                                                                                |
| <b>Total Direct Non-Personnel Costs</b> | <b>\$111,500.00</b> |                                                                                                                                                                                                     |

#### Overhead And Administration

|                                          |               |
|------------------------------------------|---------------|
| Overhead And Administration              | \$0.00        |
| <b>Total Overhead And Administration</b> | <b>\$0.00</b> |

May 4 2021  
Gloria Goodwill-Aelick  
NEMI Community Garden  
17 Cockburn St. W.  
Little Current, ON P0P 1K0

To Mayor and Council, Town of Northeastern Manitoulin and the Islands,

As we enter a new growing season, NEMI Community Garden took the time to find out what the residents of NEMI want and need from our organization. Respondents were clear that they wanted to be able to build and strengthen community connections around the garden and its core values - sustainable food production that feeds our community. As we organize this season and the garden, to meet the needs of our community we are focusing on providing space, knowledge and tools to grow food, and bringing people together with this common goal. Our garden is establishing its core support group and acquiring the tools and resources it needs to succeed and we need your help.

We aim to create an inclusive and inviting place for all residents:

- One plot will be dedicated to growing a Kid's Sensory Garden with a variety of plants that people can explore without fear of damaging or ruining someone's garden.
- Toys and tools will be available for anyone to help out in the garden.
- Clear instructions for tasks will be posted so people can help grow food for our community, including the Good Food Box, while still following COVID restrictions.
- Group events and workshops will be organized as COVID restrictions allow and will be open to all who want to join.

While NEMI CG continues to receive support from Local Food Manitoulin and Noojmowin Teg, a large portion of our annual operating budget is needed for water access at our garden. You can help now by donating funds to help cover the seasonal cost of \$480 for municipal water. This would free up our limited funds for other tools and resources to support our mission.

You can help the NEMI Community Garden. The support of our Mayor and Councilors is key to establishing a thriving community garden and all the benefits that come with it: increased food security, sustainability and community connections.

Sincerely,  
Gloria Goodwill-Aelick  
NEMI Community Garden



# Town of Northeastern Manitoulin and the Islands

## Asset Management Plan



May 2021 - DRAFT

© 2019, **Corporation of the Town of Northeastern Manitoulin and the Islands**. All Rights Reserved.

The preparation of this project was carried out with assistance from the Government of Canada and the Federation of Canadian Municipalities. Notwithstanding this support, the views expressed are the personal views of the authors, and the Federation of Canadian Municipalities and the Government of Canada accept no responsibility for them.

## TABLE OF CONTENTS

---

|      |                                                       |    |
|------|-------------------------------------------------------|----|
| 1    | EXECUTIVE SUMMARY .....                               | 3  |
| 2    | INTRODUCTION .....                                    | 8  |
| 3    | CONDITION ASSESSMENT APPROACH .....                   | 9  |
| 4    | CURRENT SERVICES .....                                | 12 |
| 5    | STATE OF LOCAL INFRASTRUCTURE .....                   | 14 |
| 6    | LEVEL OF SERVICE .....                                | 19 |
| 7    | PERFORMANCE MEASURES .....                            | 23 |
| 8    | MAINTAINING CURRENT LEVEL OF SERVICE .....            | 26 |
| 9    | GROWTH & DEMAND.....                                  | 35 |
| 10   | CLIMATE CHANGE .....                                  | 36 |
| 11   | ASSET MANAGEMENT STRATEGY .....                       | 37 |
| 12   | FINANCING STRATEGY.....                               | 39 |
| 12.1 | A. AVAILABLE FUNDING TOOLS .....                      | 39 |
| 12.2 | B. FINANCING AND FINANCIAL MANAGEMENT PRACTICES ..... | 40 |
| 13   | CONCLUSIONS AND RECOMMENDATIONS.....                  | 41 |
| 13.1 | SUMMARY OF KEY FINDINGS.....                          | 41 |
| 14   | RECOMMENDATIONS.....                                  | 43 |
| 15   | ASSUMPTIONS.....                                      | 44 |
| 16   | APPENDIX .....                                        | 45 |

# 1 EXECUTIVE SUMMARY

---

The following summarizes the findings of the Town of Northeastern Manitoulin and the Islands (NEMI) Asset Management Plan (the Plan). The Plan applies to infrastructure assets related to: roads, sidewalks, street lighting, bridges and culverts, water, wastewater, stormwater, vehicles, machinery and equipment, buildings, and other infrastructure.

The Asset Management Plan is designed to assist with identifying where the gaps and priorities are based on the current state of infrastructure, desired level of service and expected outcome. The Plan will contribute to better decision-making as part of the capital budgeting and planning process.

An essential element of the asset management plan is an understanding of what is required of the infrastructure to meet the needs and expectations of residents, and the associated costs.

## A. STATE OF LOCAL INFRASTRUCTURE

The current (2018) replacement cost of all Town assets is estimated at \$72.3 million. The largest share of the Town total asset base is related to environmental services (water, waste water and solid waste) with a combined total replacement cost of \$26.9 million, followed by recreational and cultural services infrastructure with a replacement cost of approximately \$25.8 million. Approximately 47% of the Town infrastructure has a condition rating of good.

The Town, through its annual capital budgeting process, has been working on addressing assets in need of repair or replacement. It has been identified that the following projects are in critical need of replacement or rehabilitation.

- The Little Current and Sheguiandah Water Treatment Plant infrastructure analysis
- The Little Current Cast Iron Water Main Replacement and Upgrade (Worthington Street)
- Little Current Critical Road Reconstruction
- The Sheguiandah Sand Dome Project

## Figure 1

The following is a list of capital projects, prioritized in order of short term, medium term and long-term projects. The projects are then listed in order of priority based on critical need.

| Term                                                     | Priorities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Short Term</b><br><b>Achievable within 1-3 years.</b> | <ol style="list-style-type: none"> <li>1. Recreation Centre: <ol style="list-style-type: none"> <li>a. Ice Plant (upgrade in overall efficiency)</li> <li>b. Air Condition System</li> <li>c. Pave back parking lot</li> <li>d. Front entrance walkway</li> <li>e. Boiler system upgrades</li> <li>f. Replace Ice resurfacer</li> <li>g. Replace Condenser</li> <li>h. Net Metering</li> </ol> </li> <li>2. Waterfront (Port of Little Current) <ol style="list-style-type: none"> <li>a. Dock upgrades to respond to climate change.</li> <li>b. Electrical upgrades and landscaping stones</li> </ol> </li> <li>3. Archaeological site: <ol style="list-style-type: none"> <li>a. Marketing</li> <li>b. Develop interpretive centre</li> </ol> </li> <li>4. Computer accounting software upgrades</li> <li>5. Cemetery fencing</li> <li>6. Council chambers sound system</li> <li>7. Little Current Sewer: <ol style="list-style-type: none"> <li>a. Campbell Street sewage pump station rebuild.</li> </ol> </li> <li>8. Water Treatment Plant Little Current <ol style="list-style-type: none"> <li>a. Upgrade water filters (membrane replacement)</li> <li>b. Little Current Water Treatment Plan expansion (chemical room)</li> </ol> </li> <li>9. Landfill: <ol style="list-style-type: none"> <li>a. Attenuation landfill system</li> <li>b. Expansion and development of Cell 2</li> </ol> </li> <li>10. Sidewalks: <ol style="list-style-type: none"> <li>a. Repair downtown sidewalks</li> <li>b. Draper Street (new sidewalk)</li> </ol> </li> <li>11. Spider Bay Marina: <ol style="list-style-type: none"> <li>a. Dock upgrades (pier 6)</li> <li>b. Spider Bay Marina: Upgrade yard lights (10)</li> <li>c. Shower building upgrades</li> </ol> </li> <li>12. Parks: <ol style="list-style-type: none"> <li>a. Playground equipment upgrade and parking lot flex beam</li> <li>b. Baseball field "A" fencing &amp; seating upgrade</li> <li>c. Baseball field – Light Heads</li> <li>d. Pump track and skateboard park upgrade</li> <li>e. Running track (at Low Island soccer field)</li> <li>f. Porta Potties (various locations)</li> </ol> </li> </ol> |

| Term                                                      | Priorities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                           | <ul style="list-style-type: none"> <li>g. Develop walking trail at the East end of municipality</li> <li>13. Roads: Upgrade gravel to hard surface</li> <li>14. Roads: Surface treatment               <ul style="list-style-type: none"> <li>a. Green Bay Road (lift &amp; resurface, &amp; flex beam)</li> <li>b. Newby's Bay Road (surface treatment)</li> <li>c. Orr's Side Road</li> <li>d. Hayward Street</li> <li>e. Bay Estates Road</li> <li>f. Spider Bay Marina Road (hard surface)</li> </ul> </li> <li>15. Roads Construction:               <ul style="list-style-type: none"> <li>a. Bay Estates Road</li> </ul> </li> <li>16. Gammie Street Study</li> <li>17. Fire Hall interior upgrades (Little Current)</li> <li>18. Town Office: Update exterior</li> <li>19. Public Works:               <ul style="list-style-type: none"> <li>a. Salt and sand dome (Sheguiandah)</li> </ul> </li> <li>20. Roads: Upgrade hard surface to pavement</li> <li>21. Roads: Push Gammie Street to Hwy 540</li> <li>22. Meredith Street Drain</li> <li>23. Museum:               <ul style="list-style-type: none"> <li>a. Windows</li> <li>b. Permanent washrooms</li> <li>c. Replace entrance doors</li> </ul> </li> <li>24. Library:               <ul style="list-style-type: none"> <li>a. Boiler</li> </ul> </li> <li>25. Vehicle: Upgrade fleet that is older than 10 years of age               <ul style="list-style-type: none"> <li>a. Garbage compactor</li> <li>b. Bomag packer</li> <li>c. Tandem plow truck x 2</li> <li>d. Trackless</li> <li>e. Hot Box for patching</li> <li>f. 1 Ton truck</li> </ul> </li> </ul> |
| <b>Medium Term</b><br><b>Achievable within 3-6 years.</b> | <ul style="list-style-type: none"> <li>1. Recreation Center: Expansion of recreation center infrastructure to sustain community growth</li> <li>2. Sidewalks: Install sidewalks on all major streets in Little Current</li> <li>3. Culverts: Upgrade all assets with condition rating of <i>acceptable</i> to <i>fair</i></li> <li>4. Town Office: Parking lot upgrade</li> <li>5. Rural Docks: Replacement of Sheguiandah docks</li> <li>6. Water Treatment Plant Little Current and Sheguiandah: Update equipment</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Long Term</b><br><b>Achievable within 6-10+ years.</b> | <ul style="list-style-type: none"> <li>1. Bridge: Replacement of Limit Street bridge (currently has a remaining life of 13 years)</li> <li>2. Rec center: Roof</li> <li>3. Little Current Lagoon Expansion and Upgrade</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## **B. LEVELS OF SERVICE**

Community expectations and current service levels in NEMI have been developed based on a combination of internal asset management practices, community expectations, statutory requirements, and industry operation and safety standards. Unless otherwise stated the minimum maintenance standards (MMS) are set as the desired level of service. The minimum maintenance standards can be found the Appendix 16.1.

## **C. ASSET MANAGEMENT STRATEGY**

The Town has a focus on upgrading overdue assets at the end of their useful life Appendix 16.2, or those that can no longer perform efficiently in order to meet future growth and demand.

The asset inventory is updated annually and the remaining useful life and condition rating reviewed for each asset. Those that will need repair or replacement within the next 12 months are implemented in the budget. The remaining assets are reviewed and short term, medium term and long-term capital expenditures are forecasted. Maintenance and rehabilitation are performed on the assets in order to extend their useful life and maintain the integrity of the assets.

## **D. FINANCING STRATEGY**

It is a priority to cover all capital expenditures in the current year or with funds raised by the annual levy. Available funding tools are property taxes, user fees, and reserve funds. Funding from other sources such as federal and provincial grants are available at times to support the repair and replacement of capital assets. It is not the preferred strategy but if needed, debt financing is an option.

## **E. KEY FINDINGS AND RECOMMENDATIONS**

Overall, the Town will need to continue to contribute to reserves and secure funding to cover capital expenditures and to address current and future infrastructure requirements in an effort to move forward with sustainable asset management planning.

- Assets approaching the mid-point of their expected life will likely require repair or replacement within the next ten years. Should these repairs and replacements not take place asset conditions and service levels may decline.
- The Little Current and Sheguiandah Water Treatment Plant infrastructure requires an assessment and required upgrades.
- The Little Current Cast Iron Water Main Replacement and Upgrade project is critical to meet future growth and demand, eliminate water loss caused by leaks and deterioration, and reduce health and safety risks.
- Little Current Critical Road Reconstruction with resurfacing to the top layer of asphalt and rehabilitation to curbs and sidewalks. It is estimated that the reconstruction would increase the useful life by 25+ years.
- The Sheguiandah Sand Dome Project is critical to reduce environmental impacts.
- The Town currently has limited reserves available but will continue to place any surplus into reserve where possible.
- To fund capital projects the Town will continue to seek funding from federal and provincial government programs.

## 2 INTRODUCTION

---

The Town of Northeastern Manitoulin and the Island (NEMI) takes pride in promoting community safety and growth. A well-managed Asset Management Plan is vital to maintaining a high quality of life within the community while maintaining the integrity of the assets.

The Asset Management Plan addresses all infrastructure for which NEMI is responsible for, including but not limited to roads, sidewalks, street lighting, bridges and culverts, water, wastewater, stormwater, vehicles, machinery and equipment, and buildings.

The purpose of the Plan is to build on existing practices by identifying how best to manage Town infrastructure over a short, medium and long term. Creating a strategy for maintaining infrastructure so that service levels are achieved is an important element to the Plan. The Plan has been prepared with reference to the Town's current performance measures as well as minimum maintenance standards and safety regulations. The available funding tools that integrate asset management with short and long-term financial planning are also included. Asset Management is a process and decision-making framework that projects over an extended time horizon. Essentially the Plan will provide Management and Council with information to guide sustainable infrastructure investment decisions.

The functional objectives of this Asset Management Plan are as follows:

- To undertake an effective asset management planning process that is efficient and utilizes financial resources in the most effective way possible for the benefit of the entire community.
- To facilitate the collection, coordination, sharing and communication of tangible asset information to ultimately support the Town's financing of their asset delivery and renewal.
- To identify and deliver levels of service that meets the needs of the community.
- To undertake operating, maintenance and capital funding plans that supports the defined levels of service.
- To provide the tools to manage infrastructure assets in a sustainable manner.

### 3 CONDITION ASSESSMENT APPROACH

Assets are rated based on a physical inspection of the actual condition of the asset and its individual elements and services. Maintenance work required is noted to bring the condition of the asset and its services up to, or maintain it at, the specified condition standard as identified. Maintenance work is ranked in order of priority and critical need.

**Figure 2**

Each asset category condition is assessed based on a 4-point scale of excellent, good, fair or acceptable.

| Asset Category               | Condition Assessment Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Water Assets                 | <p><b>Excellent</b> - Sound physical condition. Asset likely to perform adequately without major work for 25 years or more.</p> <p><b>Good</b> - Acceptable physical condition; but potential for deterioration in long-term (10 years plus). Only minor work required (if any).</p> <p><b>Fair</b> - Deterioration evident. Minor work required within next 2 years but further deterioration likely and major replacement likely within next 10 years. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at adequate level of service. Work required but asset is still serviceable.</p> <p><b>Acceptable</b> - Likely need to replace most or all of asset within 2 years. No immediate risk to health or safety but work required in near future to ensure asset remains safe. Substantial work required in short-term, asset is serviceable.</p> |
| Wastewater Assets            | <p><b>Excellent</b> - Sound physical condition. Asset likely to perform adequately without major work for 25 years or more.</p> <p><b>Good</b> - Acceptable physical condition; but potential for deterioration in long-term (10 years plus). Only minor work required (if any).</p> <p><b>Fair</b> - Deterioration evident. Minor work required within next 2 years but further deterioration likely and major replacement likely within next 10 years. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at adequate level of service. Work required but asset is still serviceable.</p> <p><b>Acceptable</b> - Likely need to replace most or all of asset within 2 years. No immediate risk to health or safety but work required in near future to ensure asset remains safe. Substantial work required in short-term, asset is serviceable.</p> |
| Stormwater Management Assets | <p><b>Excellent</b> - Sound physical condition. Asset likely to perform adequately without major work for 25 years or more.</p> <p><b>Good</b> - Acceptable physical condition; but potential for deterioration in long-term (10 years plus). Only minor work required (if any).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

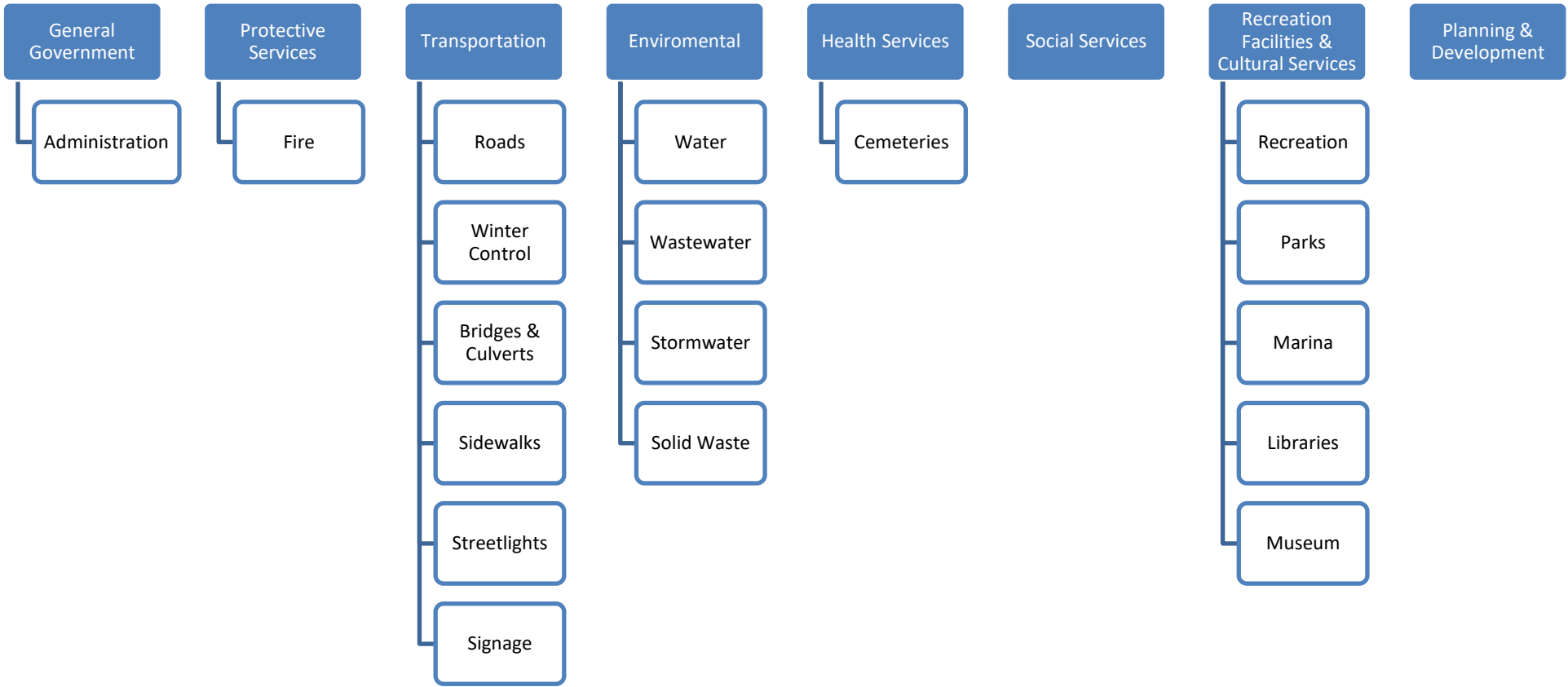
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 | <p><b>Fair</b> - Deterioration evident. Minor work required within next 2 years but further deterioration likely and major replacement likely within next 10 years. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at adequate level of service. Work required but asset is still serviceable.</p> <p><b>Acceptable</b> - Likely need to replace most or all of asset within 2 years. No immediate risk to health or safety but work required in near future to ensure asset remains safe. Substantial work required in short-term, asset is serviceable.</p>                                                                                                                                                                                                                                                                                      |
| <b>Roads</b>                    | <p><b>Excellent</b> - No potholes. No crack filling required. Complies with engineering standards.</p> <p><b>Good</b> - Some potholes. Minimal crack filing required. Complies with engineering standards.</p> <p><b>Fair</b> - Evidence of deterioration. Has numerous potholes and regular crack filling requirements. Complies with engineering standards.</p> <p><b>Acceptable</b> - Pavement deteriorating. Extensive potholes and cracks. Joint failures. Needs resurfacing. Complies with engineering standards.</p>                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Bridges and Culverts</b>     | <p><b>Excellent</b> - Only cyclic maintenance required. Complies with engineering standards.</p> <p><b>Good</b> - Minor maintenance required plus cyclic maintenance. Complies with engineering standards.</p> <p><b>Fair</b> - Significant maintenance required. Complies with engineering standards.</p> <p><b>Acceptable</b> – Renewal or upgrade required in future. No immediate risk to health or safety but work required in near future to ensure asset remains safe. Complies with engineering standards.</p>                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Buildings and Facilities</b> | <p><b>Excellent</b> - Sound physical condition. Asset likely to perform adequately without major work for 25 years or more.</p> <p><b>Good</b> - Acceptable physical condition; but potential for deterioration in long-term (10 years plus). Only minor work required (if any).</p> <p><b>Fair</b> - Deterioration evident. Minor work required within next 2 years but further deterioration likely and major replacement likely within next 10 years. Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at adequate level of service. Work required but asset is still serviceable.</p> <p><b>Acceptable</b> - Likely need to replace most or all of asset within 2 years. No immediate risk to health or safety but work required in near future to ensure asset remains safe. Substantial work required in short-term, asset is serviceable.</p> |

|                                            | Condition Rating – Buildings (Elements)                                                                                                                                                                                                           |                                                                                                       |                                                                                                                                |                                                                                                                                                                            |                                                                                                                                                                                             |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                            | Element                                                                                                                                                                                                                                           | Excellent                                                                                             | Good                                                                                                                           | Fair                                                                                                                                                                       | Adequate                                                                                                                                                                                    |
|                                            | <b>Structure</b>                                                                                                                                                                                                                                  | Sound physical structure. Asset likely to perform adequately without major work for 25 years or more. | Functionally sound structure; but potential for deterioration in long-term (10 years plus). Only minor work required (if any). | Adequate structure, deterioration evident. Minor work required within next 2 years but further deterioration likely and potential replacement likely within next 10 years. | Evidence of deterioration. Likely need to replace most or all of asset within 2 years. No immediate risk to health or safety but work required in near future to ensure asset remains safe. |
|                                            | <b>Services</b>                                                                                                                                                                                                                                   | All components operable and well maintained.                                                          | All components operable.                                                                                                       | Occasional outages, breakdowns or blockages. Increased maintenance required.                                                                                               | Failures of plumbing electrical and mechanical components common place.                                                                                                                     |
|                                            | <b>Maintenance</b>                                                                                                                                                                                                                                | Well maintained and clean.                                                                            | Increased maintenance inspection required.                                                                                     | Minor components or isolated sections of the asset need replacement or repair now but asset still functions safely at adequate level of service.                           | Frequent maintenance inspections essential. Short term element replacement/rehabilitation.                                                                                                  |
| <b>Vehicles, Equipment &amp; Machinery</b> | <b>Excellent</b> - Only cyclic maintenance required.<br><b>Good</b> - Minor maintenance required plus cyclic maintenance.<br><b>Fair</b> - Significant maintenance required.<br><b>Acceptable</b> – Renewal or upgrade required within 2-3 years. |                                                                                                       |                                                                                                                                |                                                                                                                                                                            |                                                                                                                                                                                             |

# 4 CURRENT SERVICES

The Town provides a variety of services throughout the community. The following displays the departments and the services they provide. Moving forward, the services below will also outline the asset categories laid out in the Asset Management Plan.

Figure 3



**Figure 4**

The following chart displays the current services provided by The Town and the assets associated with providing the service.

| Department                                | Services               | Applicable Assets                                                                                                                 |
|-------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>General Government</b>                 | Administration         | Equipment, facilities & vehicles                                                                                                  |
| <b>Protection Services</b>                | Fire                   | Equipment, facilities & vehicles                                                                                                  |
| <b>Transportation Services</b>            | Roads                  | Road base, surface & curbsides                                                                                                    |
|                                           | Winter Control         | Equipment, facilities & vehicles                                                                                                  |
|                                           | Bridges and culverts   | Structure, deck & surface                                                                                                         |
|                                           | Sidewalks              | Sidewalks                                                                                                                         |
|                                           | Streetlights           | Poles, lights & controllers                                                                                                       |
|                                           | Signage                | Signs                                                                                                                             |
| <b>Environmental</b>                      | Water Distribution     | Water mains, wells, pumps, valves & hydrants                                                                                      |
|                                           | Water Treatment        | Treatment plants facilities – treatment system, chlorination, pumps, chemical injection and filtration, piping SCADA, pump houses |
|                                           | Wastewater Collection  | Mains, lift stations and man holes                                                                                                |
|                                           | Wastewater Treatment   | Treatment plants facilities – treatment system, separators, aeration system, pumps, chemical systems, SCADA and settlement ponds  |
|                                           | Stormwater             | Open ditches and culverts                                                                                                         |
|                                           | Solid Waste Collection | Equipment, facilities & vehicles                                                                                                  |
|                                           | Solid Waste Disposal   | Landfill, monitoring wells, equipment, facilities & vehicles                                                                      |
|                                           | Solid Waste Diversion  | Equipment, facilities & vehicles                                                                                                  |
| <b>Health Services</b>                    | Cemeteries             | Land, facilities & equipment                                                                                                      |
| <b>Recreation &amp; Cultural Services</b> | Recreation Facilities  | Building facilities, equipment & vehicles                                                                                         |
|                                           | Marina                 | Building facilities, equipment & vehicles                                                                                         |
|                                           | Parks                  | Building facilities, equipment, land & vehicles                                                                                   |
|                                           | Library                | Building facilities & equipment                                                                                                   |
|                                           | Museum                 | Building facilities & equipment                                                                                                   |

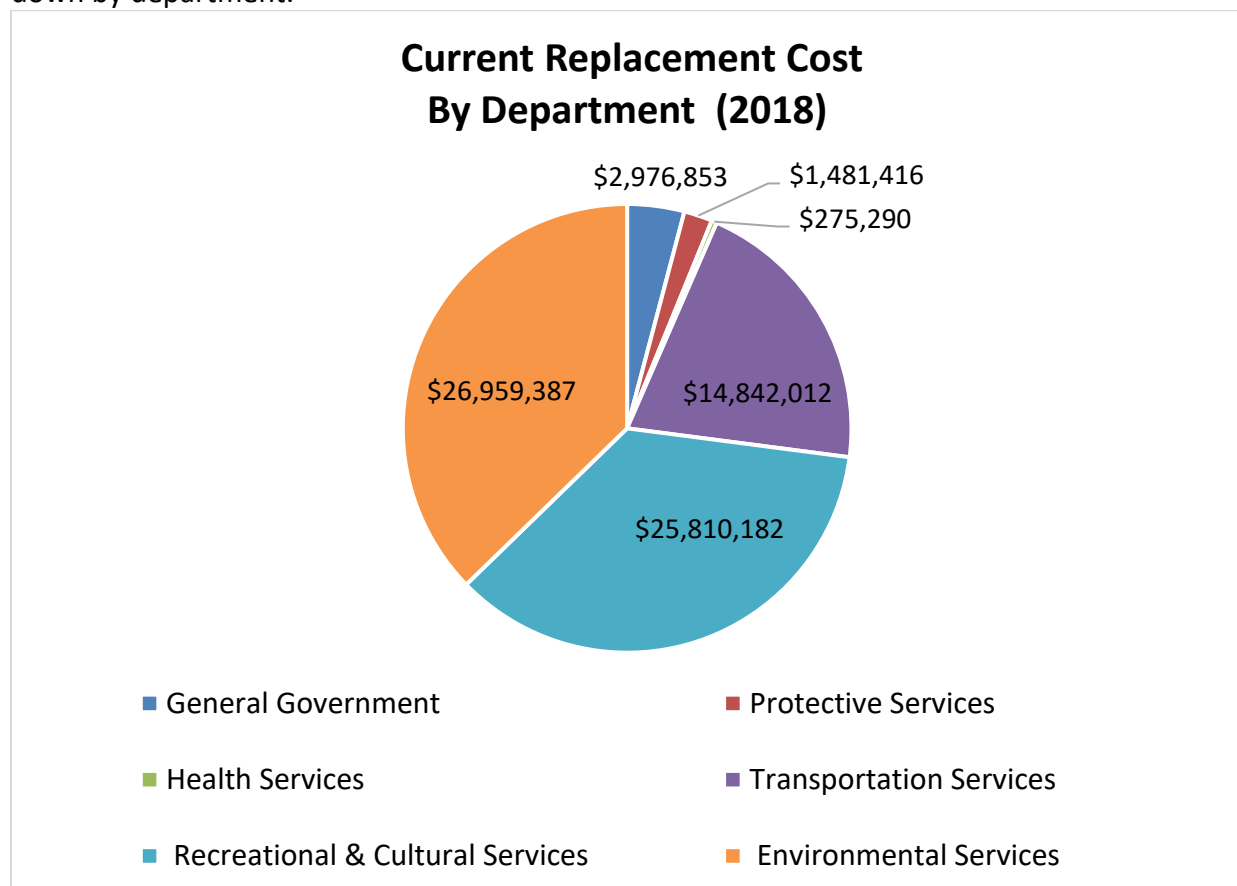
## 5 STATE OF LOCAL INFRASTRUCTURE

This section of the Plan provides a summary of the state of the Town assets with reference to infrastructure quantity and quality.

The current (2018) replacement cost of all Town assets is estimated at \$72.3 million. The largest share of the Town total asset base is related to environmental services with a combined total replacement cost of \$26.9 million, followed by recreational and cultural services infrastructure with a replacement cost of approximately \$25.8 million. Approximately 47% of the Town infrastructure has a condition rating of good.

**Figure 5**

The following depicts the Towns total asset inventory and the current placement cost, broken down by department.



As per Ontario Regulation 588/17 asset categories were created to assess the state of the infrastructure and how it contributes to its ability to provide services throughout the Town. Each asset category includes data from all assets that are needed to provide the service.

The following breaks down each department by the service it provides. Summarizing the average condition of the asset category, current replacement cost and average age of the category.

**Figure 6**

State of local infrastructure summary:

| Asset Category       | Average Asset Category Condition            | Estimated Replacement Cost                              | Average Age                               | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------|---------------------------------------------|---------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Administration       | <b>G</b>                                    | \$2,976,853                                             | 9.54                                      | Assets that help with day to day administration and operations are categories under administration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Fire                 | <b>G</b>                                    | \$1,481,416                                             | 12.29                                     | Fire suppression services is provided to all residents.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Roads                | <b>G</b>                                    | \$8,726,915                                             | 6.51                                      | <p>The Town owns and maintains approximately (149.80 km) 149,800 linear meters of roadway, of which are classified as surface treatment, gravel and pavement.</p> <p>The Town has prioritized the upgrading gravel roads to hard surfacing and those that are hard surface to pavement. This will help reduce the risk and increase the overall safety rating of the roads. With a reduced number of gravel roads greenhouse gases produced by the Town will also decrease by reduced use of machinery to maintain the roads (i.e. Less roads to grade with the grader).</p> |
| Winter Control       | <b>F</b>                                    | \$3,433,336                                             | 14.18                                     | The Town provides winter control maintenance on approximately (146.07km) 146,070 linear meters of roadway.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Bridges and culverts | Bridges: <b>G</b><br><br>Culverts: <b>F</b> | Bridges:<br>\$ 217,591<br><br>Culverts:<br>\$ 1,102,329 | Bridges:<br>9.00<br><br>Culverts:<br>5.64 | The Town owns and maintains 1 bridge within the municipality. A third-party engineer performs an inspection bi-annually on the infrastructure. Major rehabilitation last took place in 2006. The Town owns and maintains approximately (13.578km) 13,578 linear meters of culverts.                                                                                                                                                                                                                                                                                          |

| Asset Category                    | Average Asset Category Condition | Estimated Replacement Cost | Average Age | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|----------------------------------|----------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sidewalks                         | E                                | \$601,799                  | 6.2         | The Town owns and maintains approximately (6.775km) 6775 linear meters sidewalk, of which about 91% is classified as cement, 8% interlock brick and 1% pavement.                                                                                                                                                                                                                                                                             |
| Streetlights                      | G                                | \$335,725                  | 9.80        | In 2016 all streetlights within in Town were converted to LED to increase efficiency and lower electricity costs. The Town owns and maintains approximately 250 streetlights.<br>With these upgrades to LED lights the Town experienced a drastic reduction in the kWh used, which reduced operating costs. The Town plans to move toward upgrading all the decorative lights in Spider Bay Marina and on the Port of Little Current to LED. |
| Signage                           | G                                | \$52,445                   | 16.33       | The Town provides and maintains informational and directional signs within the municipality's boundaries.                                                                                                                                                                                                                                                                                                                                    |
| Water Distribution & Treatment    | G                                | \$14,242,611               | 12.13       | The Town of NEMI contracts services to Ontario Clean Water Agency (OCWA) to provide operations and maintenance services for municipal drinking water facilities.<br>The infrastructure is used to transport water which supports many patient services, commercial businesses and over 130 homes within the municipality.                                                                                                                    |
| Wastewater Collection & Treatment | F                                | \$7,462,434                | 16.19       | The Little Current lagoon system provides basic sewage treatment for serviced residential and commercial properties in the community of Little Current as well as two sanitary trucking companies that service                                                                                                                                                                                                                               |

| Asset Category                               | Average Asset Category Condition | Estimated Replacement Cost | Average Age | Comments                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------|----------------------------------|----------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              |                                  |                            |             | private septic systems. The facility is located south of the settlement at rural address 277 Highway 540. The lagoon is currently at maximum capacity (927 cubic meters per day m3/day). With seniors' developments and the start of construction one a new OPP (Ontario Provincial Police) station in early 2019 the Town will need to expand the daily capacity to 1500 cubic meters per day m3 per day. |
| Stormwater                                   | F                                | \$1,050,586                | 16.33       | The Towns stormwater and drainage system diverts water from the west end of the Little Current towards the downtown core and into the North Channel.                                                                                                                                                                                                                                                       |
| Solid Waste Collection, Disposal & Diversion | G                                | \$4,203,757                | 8.80        | The NEMI Landfill recycles plastics 1 through 6. Accessible at the landfill twice a week and three times from May – October.<br>Curbside pick up is also provided to residents located in ward 2.                                                                                                                                                                                                          |
| Cemeteries                                   | F                                | \$275,290                  | 25.00       | The Town of NEMI owns and maintains several cemeteries throughout the municipality including Holy Trinity Anglican Cemetery, Mountain View Cemetery, St. Bernard's Catholic Cemetery, Cold Springs Cemetery, Green Bay Cemetery, Elmview Cemetery and The Skippen Cemetery.                                                                                                                                |
| Recreation Facilities                        | G                                | \$9,003,780                | 9.57        | The NEMI Recreation Centre offers many rental opportunities for various events with a main hall, kitchen, Lions Den, curling lounge, an ice rink and curling rink.                                                                                                                                                                                                                                         |
| Marina                                       | G                                | \$11,946,164               | 17.75       | Spider Bay Marina and the Port of Little Current operate seasonal for                                                                                                                                                                                                                                                                                                                                      |

| Asset Category | Average Asset Category Condition | Estimated Replacement Cost | Average Age | Comments                                                                                                                                                                                                                                                            |
|----------------|----------------------------------|----------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                                  |                            |             | the months of May – October. The facilities connect boaters to Lake Huron and allows them to enjoy the Towns waterfront, including two waterfront pavilions, restroom and shower facilities.                                                                        |
| Parks          | E                                | \$3,472,798                | 10.95       | There are 7 Parks that the Town owns and maintain throughout the spring to fall months.                                                                                                                                                                             |
| Library        | G                                | \$587,972                  | 33.50       | The Library offers the community a collection of over 13,000 volumes, a reference section and a variety of periodicals, as well as special children's area. It also has a Community Access Portal to the internet, featuring five workstations.                     |
| Museum         | G                                | \$799,468                  | 31.50       | The Centennial Museum of Sheguiandah offers exhibits about life and times of the pioneers. Brought to life in the barn, sugar shack and reconstructed log homes. Coming in late summer of 2019 is the Museums newest addition, the Sheguiandah Archaeological site. |

*\* Note: Land is not included in the average age calculation, with the exception of the cemetery asset class. It was determined that the land inflated the average age calculation and did not result in an accurate and useful calculation.*

The Town owns and maintains land in various locations for the use of municipal buildings, roads & road allowances, parks, forests, cemeteries and vacant land. The inventory of land valued is approximately \$6.6 million and an average age of 11.57 years.

## 6 LEVEL OF SERVICE

**Community Expectations** - Based on the service the community and customers expect to receive.

**Strategic Level of Service** - (Customers perspective) Based on the community expectations measured against attributes such as reliability, quality, safety, efficiency and capacity. How the customer and community received the services provided by the municipality.

**Technical Level of Service** - (Municipalities perspective) Based on how the Town strives to provide the level of service.

**Figure 7**

| Department              | Services       | Strategic Level of Service (Customer Perspective)          | Current Level of Service                                                                                                    | Technical Level of Service (Town Perspective)                                                                       |
|-------------------------|----------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| General Government      | Administration | Provide a safe, reliable and accessible facility           | Accessible, reliable and well maintained.                                                                                   | Minimize complaints.<br>100% of facilities to pass accessibility standards. Provide service during operating hours. |
| Protection Services     | Fire           | Provide reliable and responsive fire services              | Responsive and reliable fire services                                                                                       | Meet legislative requirements.<br>Minimize response times.<br>Maintain overall vehicle and equipment maintenance    |
| Transportation Services | Roads          | Provide safe, reliable and accessible roads all year round | Roads are safe and the majority are accessible all year-round.<br>Roads are maintained as per minimum Maintenance Standards | Follow Minimum Maintenance Standards.<br>Minimize complaints.                                                       |
|                         | Winter Control | Provide safe and accessible                                | Roads are safe and the majority are accessible in                                                                           | Follow Minimum Maintenance Standards.                                                                               |

| Department    | Services                          | Strategic Level of Service (Customer Perspective)                                   | Current Level of Service                                                                               | Technical Level of Service (Town Perspective)                                                      |
|---------------|-----------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|               |                                   | road access in winter months                                                        | winter months. Roads are maintained<br>Minimum Maintenance Standards                                   | Minimize complaints.                                                                               |
|               | Bridges and culverts              | Provide safe and reliable structures with adequate access and capacity              | Bridge is safe and reliable with capacity and load restrictions.                                       | Follow Minimum Maintenance Standards. Minimize complaints.                                         |
|               | Sidewalks                         | Provide safe and accessible sidewalks to town core and heavy foot traffic locations | Sidewalks are safe and accessible all year. Access to the towns core is adequate.                      | Follow Minimum Maintenance Standards. Minimize complaints.                                         |
|               | Streetlights                      | Provide reliable lighting                                                           | Streetlighting in urban residential areas is adequate and reliable.                                    | Minimize complaints.                                                                               |
|               | Signage                           | Provide reliable and accurate signage                                               | Reliable and accurate.                                                                                 | Minimize complaints.                                                                               |
| Environmental | Water Distribution & Treatment    | Provide affordable, quality water with sufficient capacity and accessibility        | Adequate water treatment. Overall efficient water distribution with risk of failure in isolated areas. | Meet legislative requirements. Reduce water loss. Maintain the integrity of the system.            |
|               | Wastewater Collection & Treatment | Provide adequate capacity and quality collection and treatment facilities           | Efficient wastewater collection and adequate treatment capacity.                                       | Meet legislative requirements. Maintain the integrity of the system. Minimize incidents of bypass. |
|               | Stormwater                        | Provide adequate capacity                                                           | Adequate capacity                                                                                      | Minimize flooding incidents                                                                        |

| Department                                | Services                                     | Strategic Level of Service (Customer Perspective)                                                   | Current Level of Service                                                                                                  | Technical Level of Service (Town Perspective)                                                                                                               |
|-------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | Solid Waste Collection, Disposal & Diversion | Provide reliable collection and adequate disposal capacity. Provide accessible disposal facilities. | Adequate and responsiveness collection. Moderate disposal facilities access.                                              | Operate as per the Certificate of approval and legislation regulations. Minimize complaints                                                                 |
| <b>Health Services</b>                    | Cemeteries                                   | Provide quality service and well-maintained grounds and facilities                                  | Available and maintained cemetery grounds                                                                                 | Minimize complaints                                                                                                                                         |
| <b>Recreation &amp; Cultural Services</b> | Recreation Facilities                        | Provide reliable, accessible and safe facilities and a variety of programs                          | Safe, well maintained and accessible facilities. A variety of programs and events are available to a range of age groups. | 100% of facilities to pass accessibility standards. Minimize complaints. Maximize utilization of facilities between 85% and 100%                            |
|                                           | Marina                                       | Provide reliable, accessible and safe facilities                                                    | Safe, well maintained and accessible facilities seasonally.                                                               | 100% of facilities to pass accessibility standards. Minimize complaints. Maximize utilization of facilities between 85% and 100% during operational season. |
|                                           | Parks                                        | Provide quality, accessible and safe parks                                                          | Safe, well maintained and accessible parks                                                                                | Provide an environment where risk of injury is minimized for children at play.                                                                              |
|                                           | Library                                      | Provide functional,                                                                                 | Safe, well maintained and                                                                                                 | 100% of facilities to pass accessibility                                                                                                                    |

| Department | Services | Strategic Level of Service (Customer Perspective)  | Current Level of Service                         | Technical Level of Service (Town Perspective)                                                                                                               |
|------------|----------|----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |          | accessible and safe facilities                     | accessible facilities.                           | standards. Minimize complaints. Maximize utilization of facilities between 85% and 100%                                                                     |
|            | Museum   | Provide functional, accessible and safe facilities | Safe, well maintained and accessible seasonally. | 100% of facilities to pass accessibility standards. Minimize complaints. Maximize utilization of facilities between 85% and 100% during operational season. |

*\*Minimum maintenance standards Appendix 16.1.*

## 7 PERFORMANCE MEASURES

The Town has set performance measure that coincide with the technical levels of service. Each asset category has been assigned a level of service and performance. The performance measures have been strategically set to help operational staff with providing services safely, efficiently and effectively to the community.

**Figure 9**

The following performance measures have been set based on the current level of service. All data is from current year (2018).

| Department              | Services             | Technical Level of Service<br>(Town Perspective)                                                                       | Performance Measure                                                                                                               |
|-------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| General Government      | Administration       | Minimize complaints.<br>100% of facilities to pass accessibility standards.<br>Provide service during operating hours. | % of facilities that meet accessibility standards<br><b>100%</b>                                                                  |
| Protection Services     | Fire                 | Meet legislative requirements.<br>Minimize response times.<br>Maintain overall vehicle and equipment maintenance       | % of population that has access to fire flow<br><b>22.73 % of properties that have fire flow available (fire hydrant access).</b> |
| Transportation Services | Roads                | Follow Minimum Maintenance Standards.<br>Minimize complaints.                                                          | # Non-compliance events with Minimum Maintenance Standards<br><b>0 (zero)</b>                                                     |
|                         | Winter Control       | Follow Minimum Maintenance Standards.<br>Minimize complaints.                                                          | # Non-compliance events with Minimum Maintenance Standards<br><b>0 (zero)</b>                                                     |
|                         | Bridges and culverts | Follow Minimum Maintenance Standards.<br>Minimize complaints.                                                          | # Non-compliance events with Minimum Maintenance Standards<br><b>0 (zero)</b>                                                     |

| Department                     | Services                                     | Technical Level of Service<br>(Town Perspective)                                                   | Performance Measure                                                                                                                                           |
|--------------------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Transportation Services        | Sidewalks                                    | Follow Minimum Maintenance Standards. Minimize complaints.                                         | # Non-compliance events with Minimum Maintenance Standards<br>0 (zero)                                                                                        |
| Environmental                  | Water Distribution & Treatment               | Meet legislative requirements. Reduce water loss. Maintain the integrity of the system.            | # Non-compliance events with legislation -Safe Water Drinking Act.<br>0 (zero)<br><br># days disconnected due to a boil water advisories per year<br>0 (zero) |
|                                | Wastewater Collection & Treatment            | Meet legislative requirements. Maintain the integrity of the system. Minimize incidents of bypass. | # of bypass incidents per year<br>1<br><br>Rate of capacity<br>Operating within regulated capacity limits.                                                    |
|                                | Stormwater                                   | Minimize flooding incidents                                                                        | # of flooding incidents<br>0 (zero)<br><br># road closures due to flooding per year<br>0 (zero)                                                               |
|                                | Solid Waste Collection, Disposal & Diversion | Operate as per the Certificate of approval and legislation regulations. Minimize complaints        | # days curbside pick-up disrupted per year<br>0 (zero)                                                                                                        |
| Health Services                | Cemeteries                                   | Minimize complaints                                                                                | % of facilities that are maintained during operational season<br>100%                                                                                         |
| Recreation & Cultural Services | Recreation Facilities                        | 100% of facilities to pass accessibility standards.                                                | % of facilities that meet accessibility standards                                                                                                             |

| Department                     | Services | Technical Level of Service<br>(Town Perspective)                                                                                                                  | Performance Measure                                              |
|--------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Recreation & Cultural Services |          | Minimize complaints.<br>Maximize utilization of facilities between 85% and 100%                                                                                   | 100%                                                             |
|                                | Marina   | 100% of facilities to pass accessibility standards.<br>Minimize complaints.<br>Maximize utilization of facilities between 85% and 100% during operational season. | % of facilities that meet accessibility standards<br>100%        |
|                                | Parks    | Provide an environment where risk of injury is minimized for children at play.                                                                                    | # of Non-compliance events with regulatory standards<br>0 (zero) |
|                                | Library  | 100% of facilities to pass accessibility standards.<br>Minimize complaints.<br>Maximize utilization of facilities between 85% and 100%                            | % of facilities that meet accessibility standards<br>100%        |
|                                | Museum   | 100% of facilities to pass accessibility standards.<br>Minimize complaints.<br>Maximize utilization of facilities between 85% and 100% during operational season. | % of facilities that meet accessibility standards<br>100%        |

**\*\*Minimum maintenance standards Appendix 16.1.**

Current level of services as per Ontario Regulation 588/17 qualitative descriptions and the technical metrics are set out for all core municipal infrastructure assets are provided in Appendix 16.3

## 8 MAINTAINING CURRENT LEVEL OF SERVICE

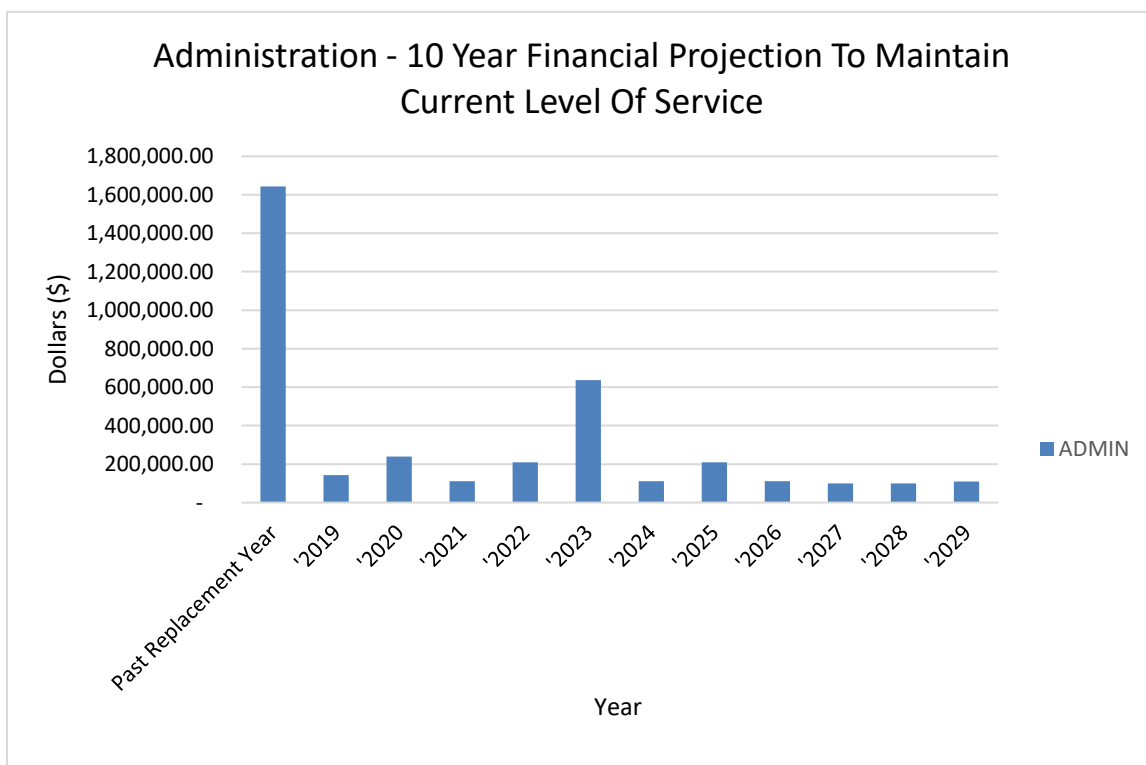
In order to maintain the current level of service the Town must continue to do cyclical maintenance in order to keep the condition of the infrastructure in safe and efficient working order.

Financial projections have been developed for the 10-year period from 2019 to 2029. Taking into consideration the full life cycle activities of the assets, based on estimated yearly costs for operation, maintenance and estimated replacement and disposition costs at the end of the asset's useful life. All dollars are stated in current day (2018) dollars. It is assumed that each year, regular operations and maintenance costs will be accrued until the year of replacement (end of useful life).

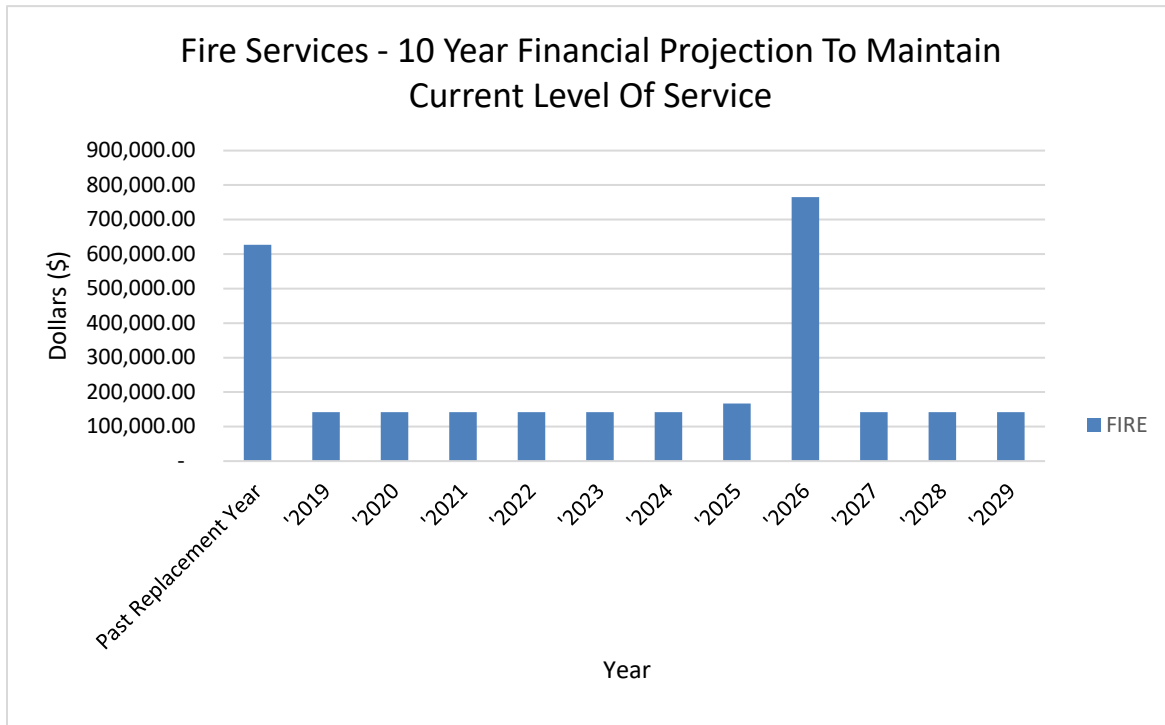
These projections are only a suggestion at this stage. They need to be confirmed with business units through the business planning process to develop more detailed business cases and robust infrastructure investment plans.

During the capital budgeting process, staff examine which options can be undertaken for the lowest cost to maintain the current level of service, along with the options for life cycle activities to maintain the current level of services and risks associated with each option.

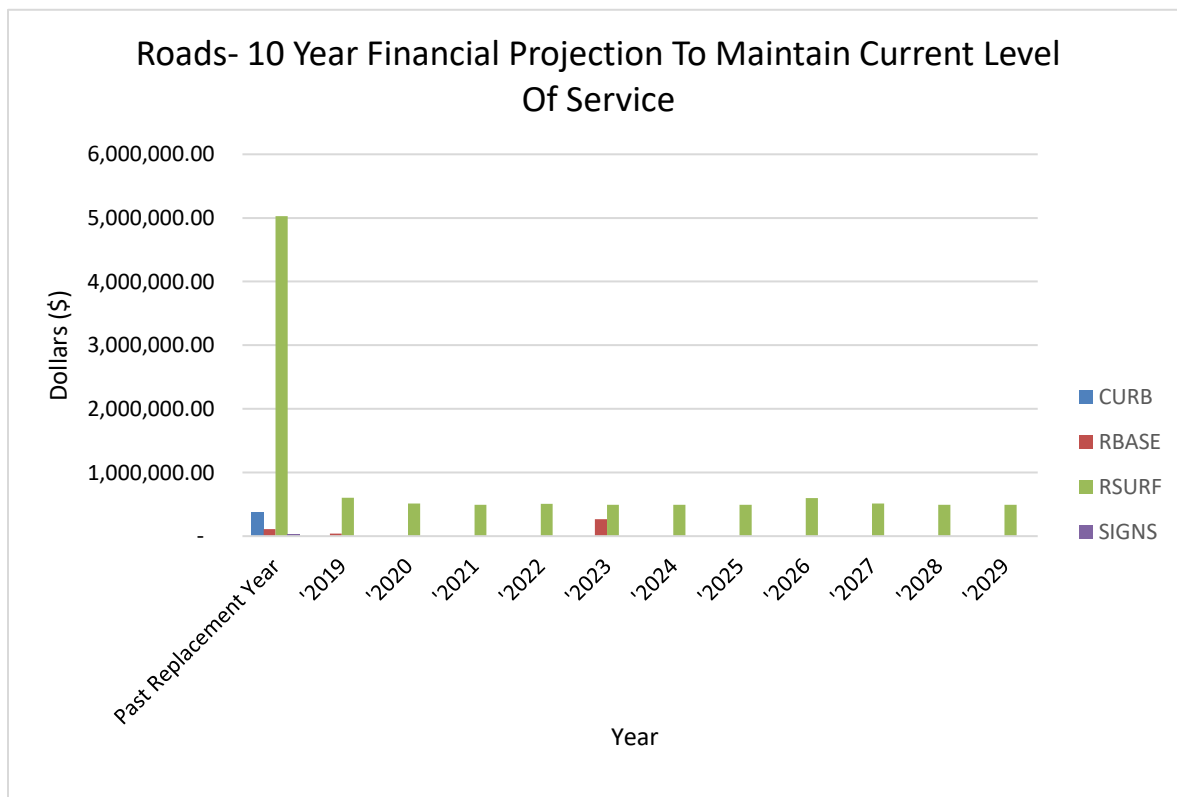
**Figure 10** – Administration 10 Year Financial Projection to Maintain Current Level of Service



**Figure 11 – Fire 10 Year Financial Projection to Maintain Current Level of Service**

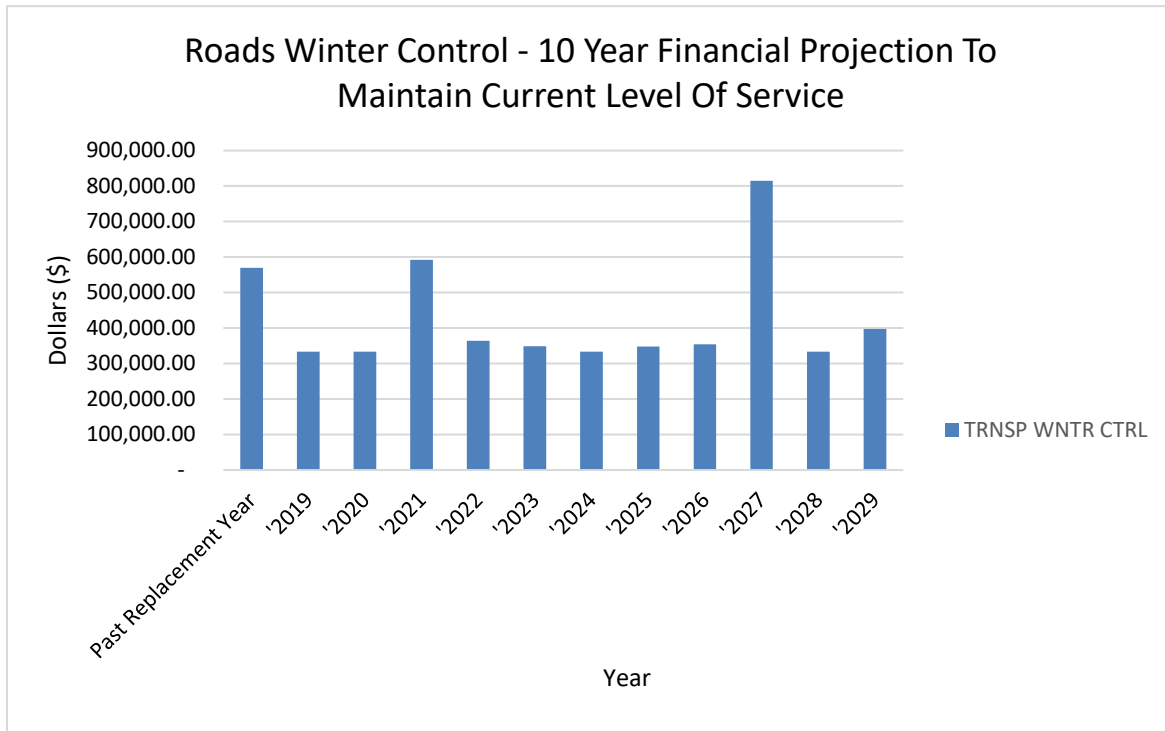


**Figure 12 – Roads 10 Year Financial Projection to Maintain Current Level of Service**

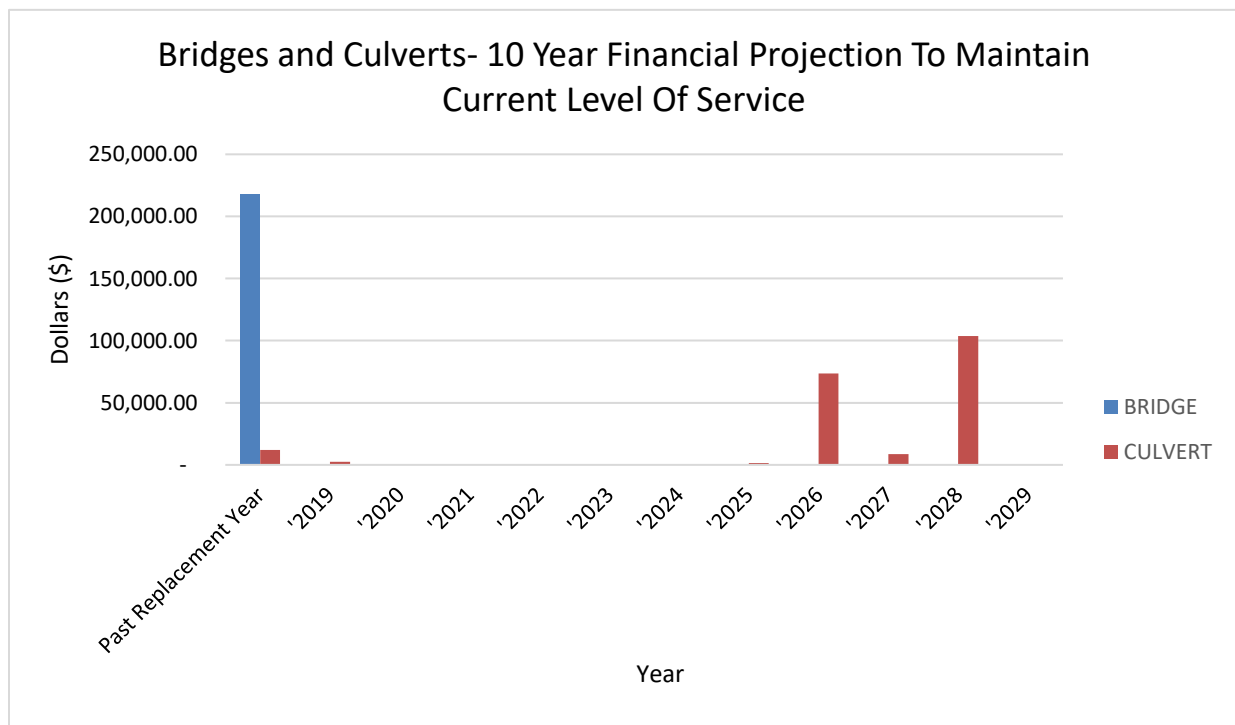


*\*Includes road base, road surface, curbsides and signage.*

**Figure 13** - Winter Control 10 Year Financial Projection to Maintain Current Level of Service

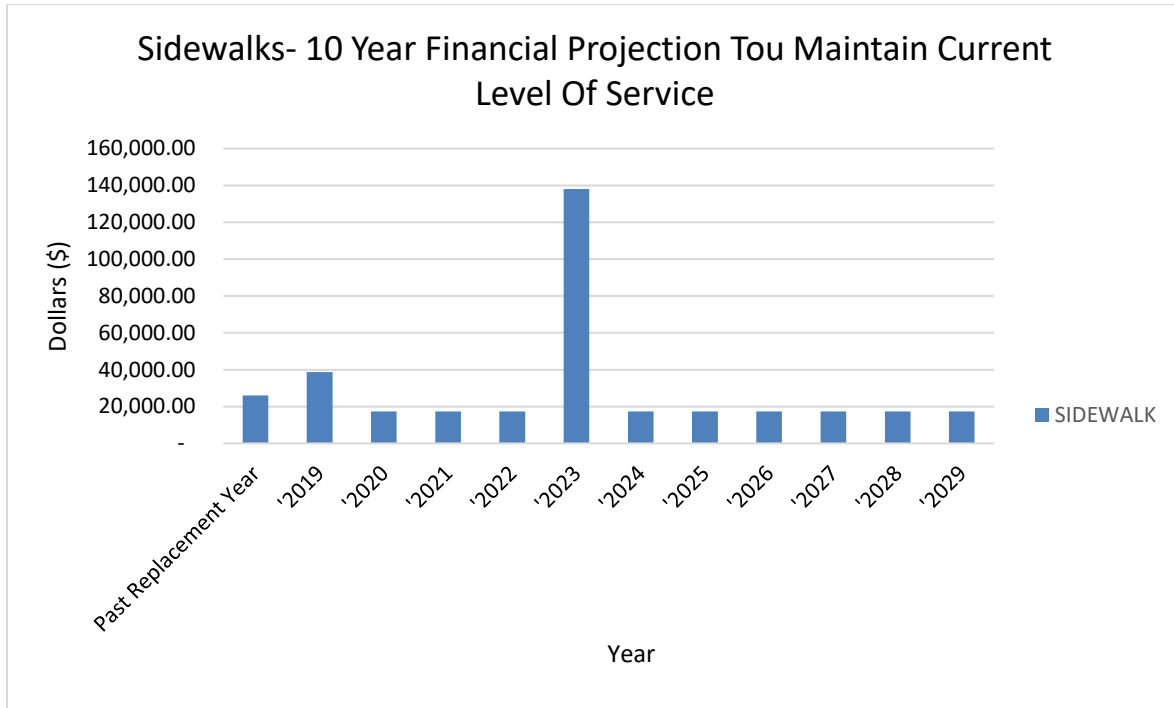


**Figure 14** - Bridges and culverts 10 Year Financial Projection to Maintain Current Level of Service

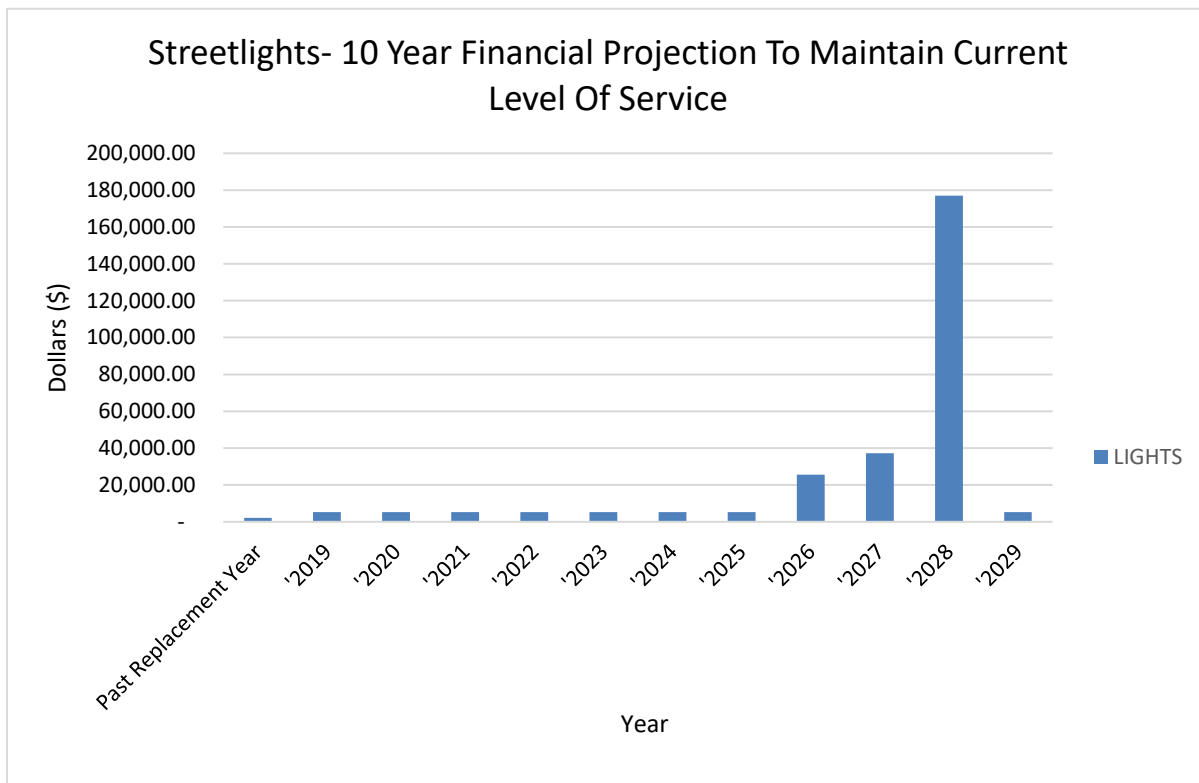


*\* Includes bridges and culverts*

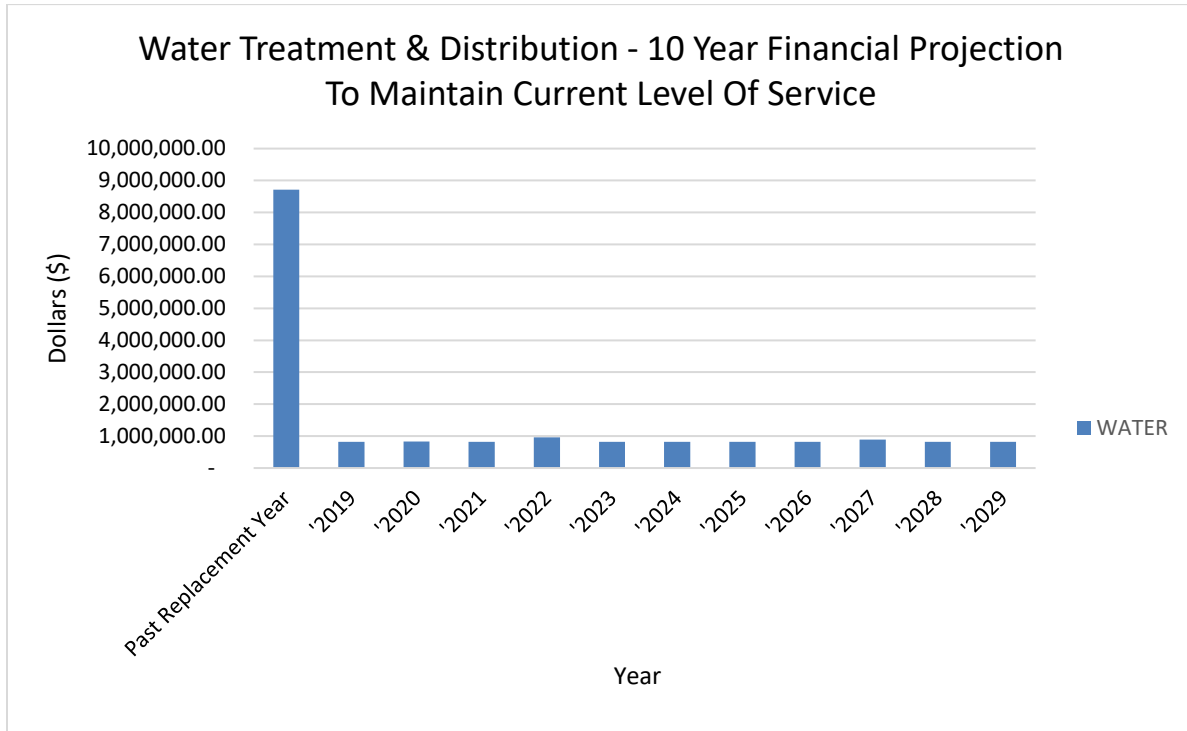
**Figure 15 – Sidewalks 10 Year Financial Projection to Maintain Current Level of Service**



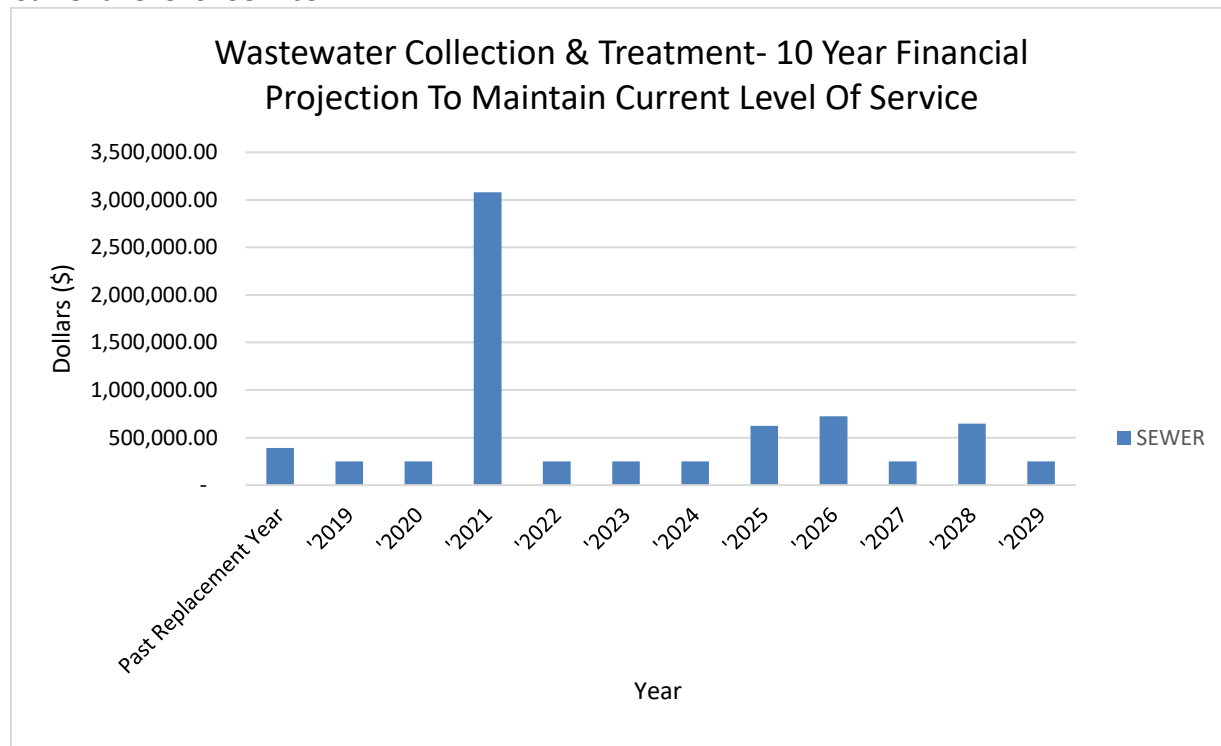
**Figure 16 – Streetlights 10 Year Financial Projection to Maintain Current Level of Service**



**Figure 17 - Water Distribution & Treatment 10 Year Financial Projection to Maintain Current Level of Service**

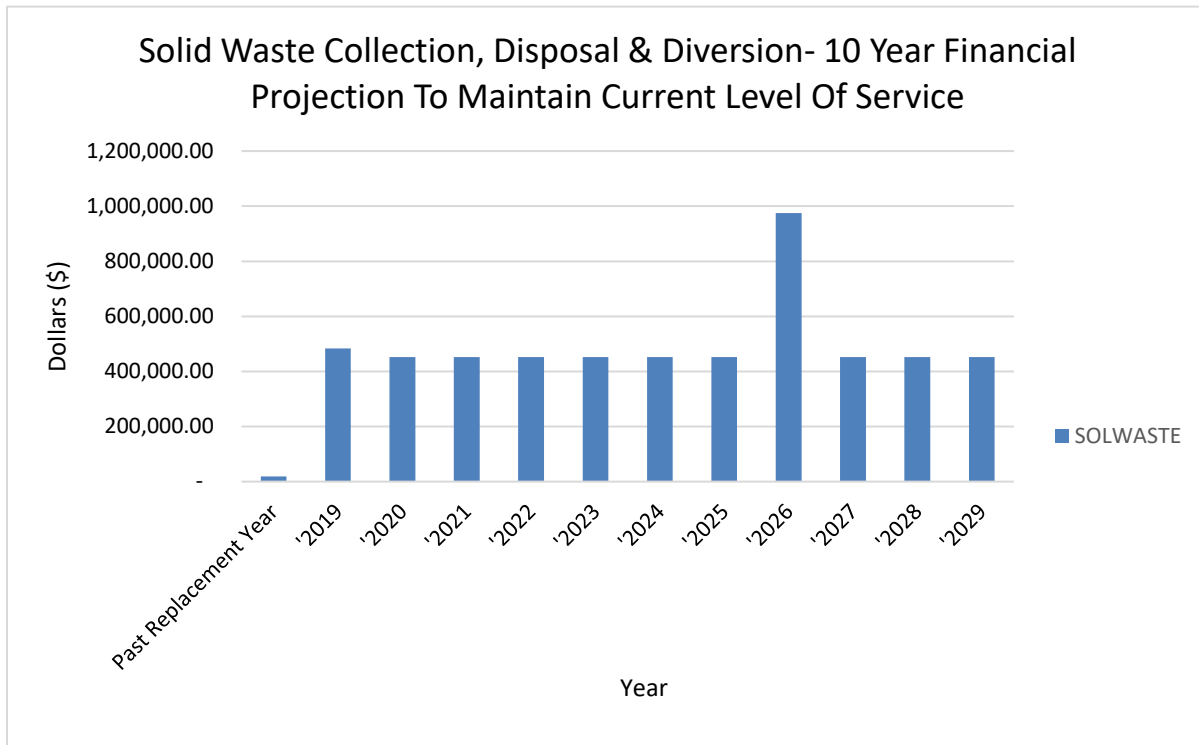


**Figure 18 - Wastewater Collection & Treatment 10 Year Financial Projection to Maintain Current Level of Service**

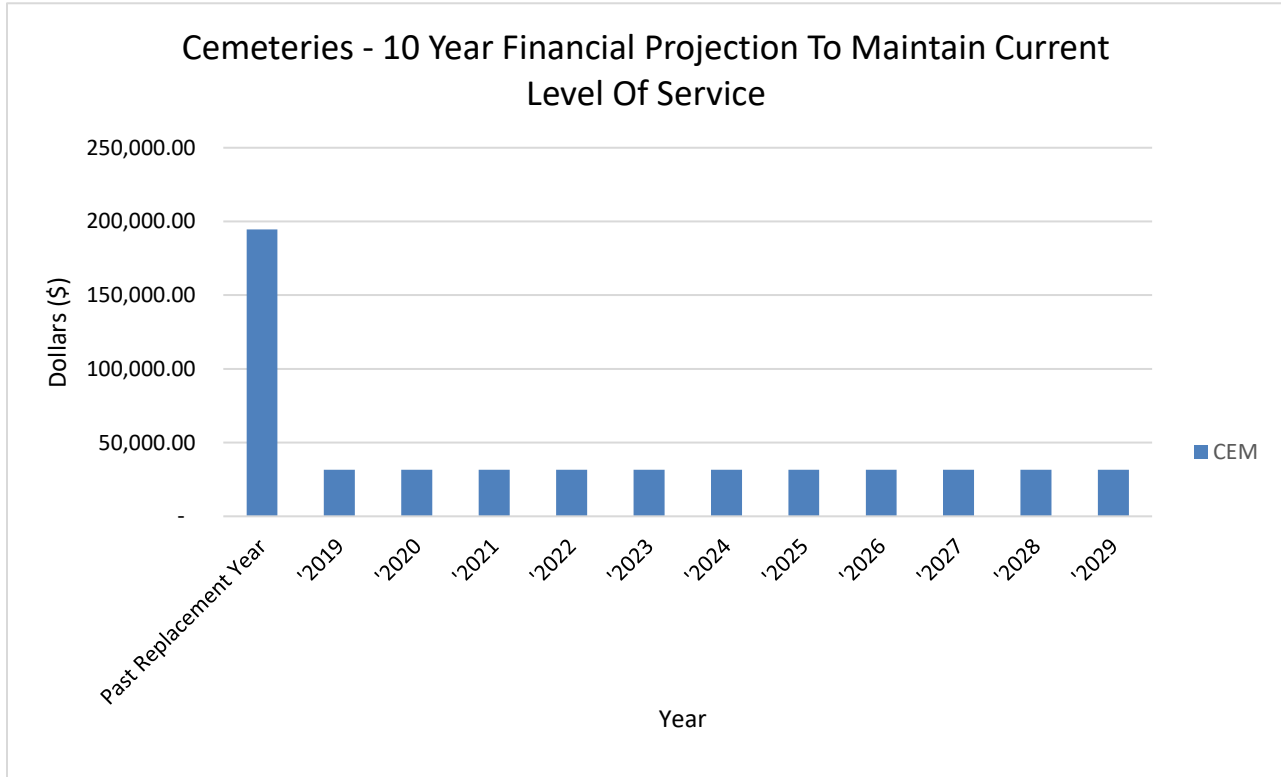


**Figure 19 - Solid Waste Collection, Disposal & Diversion 10 Year Financial Projection to**

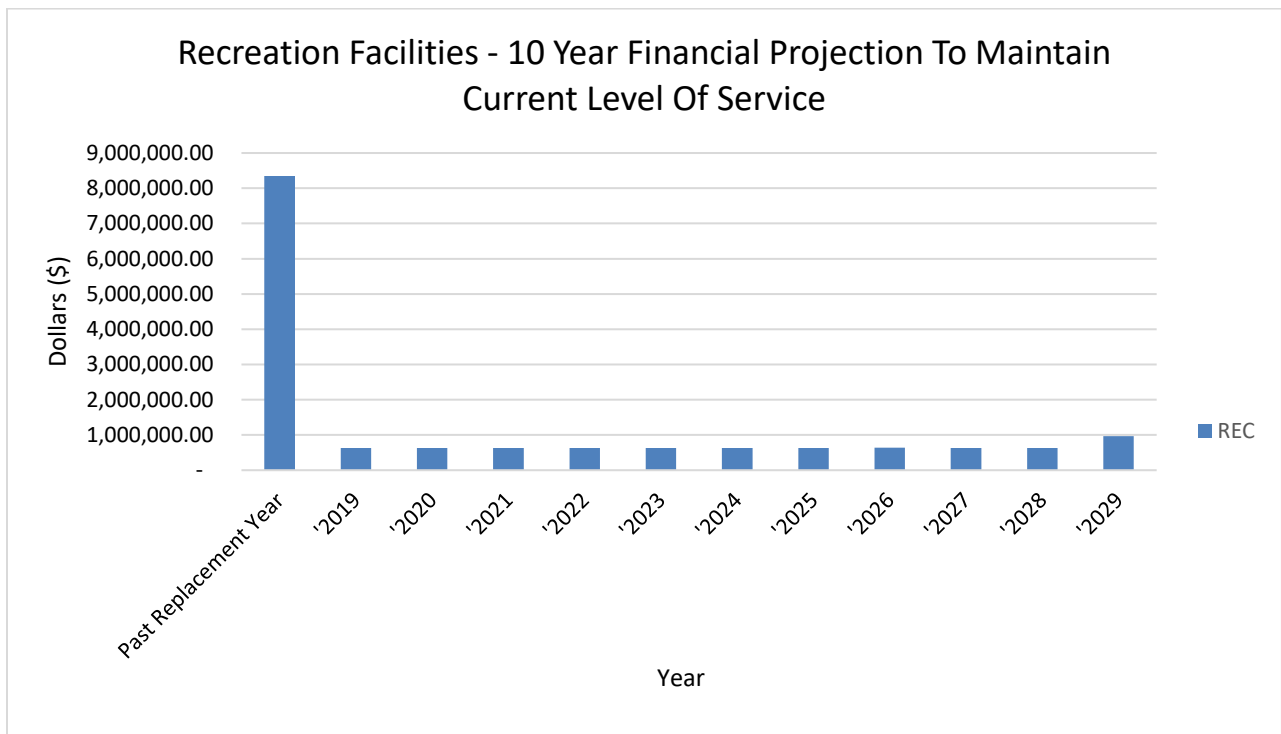
## Maintain Current Level of Service



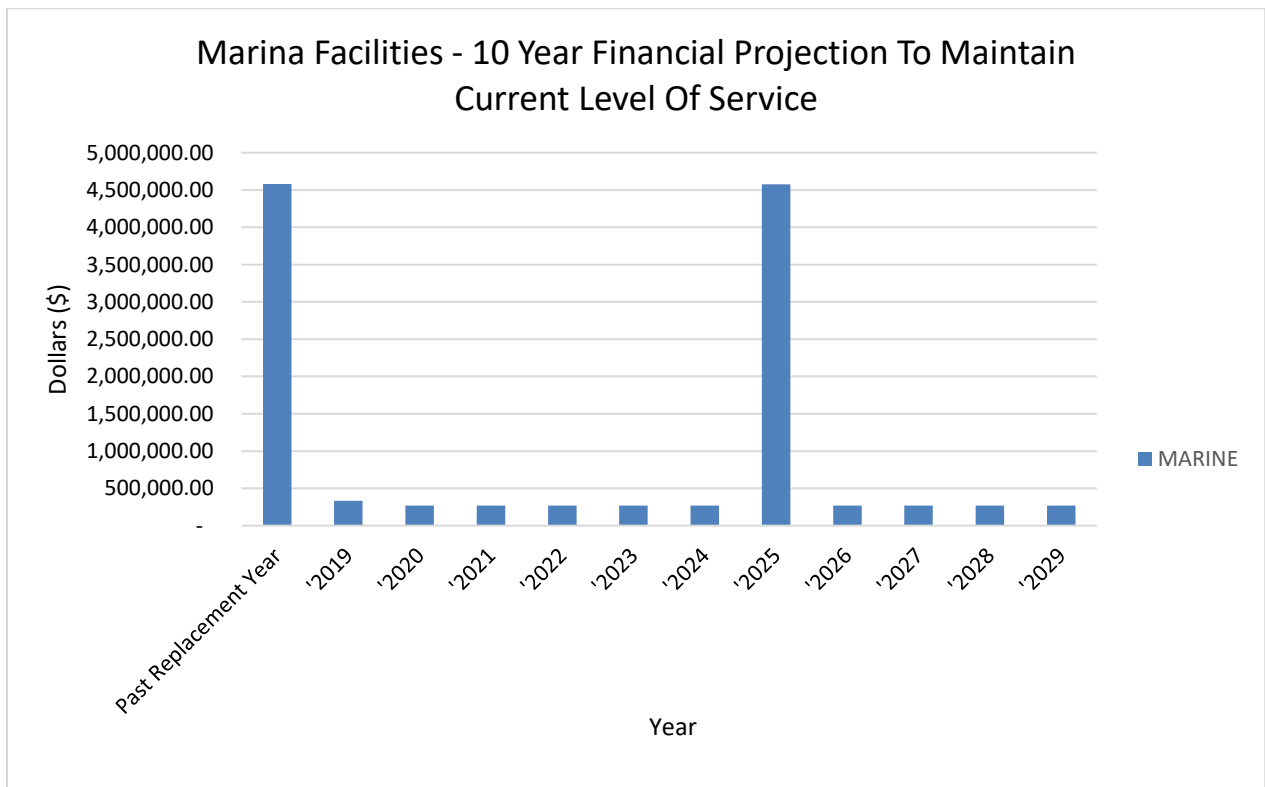
**Figure 20 – Cemeteries 10 Year Financial Projection to Maintain Current Level of Service**



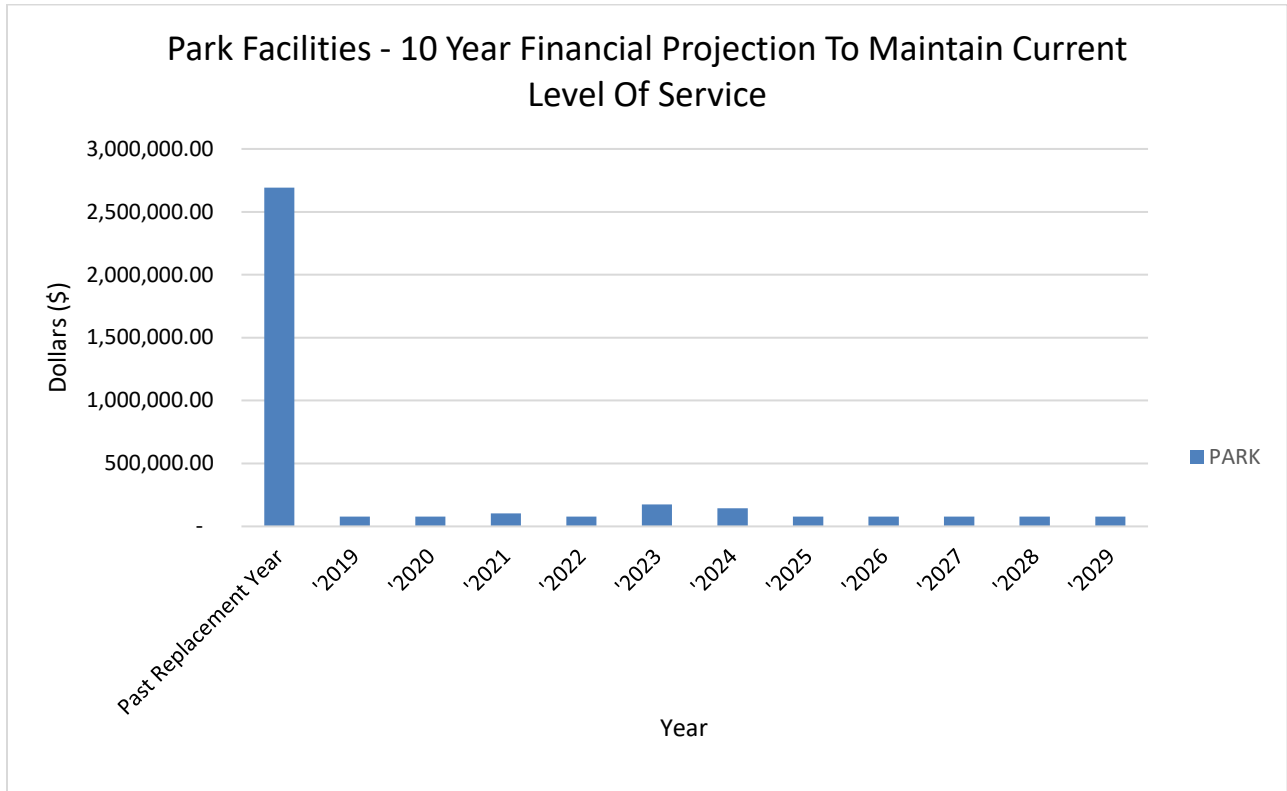
**Figure 21 - Recreation Facilities 10 Year Financial Projection to Maintain Current Level of Service**



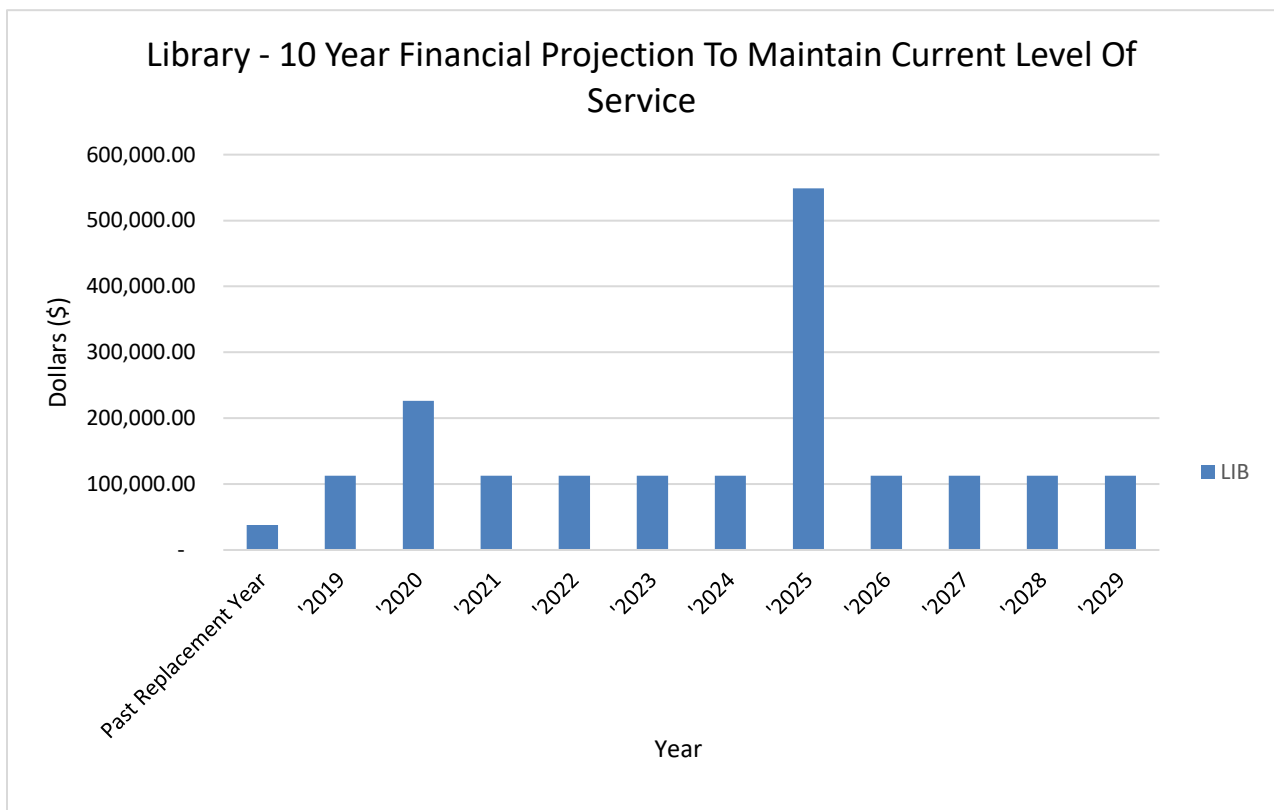
**Figure 22** – Marina 10 Year Financial Projection to Maintain Current Level of Service



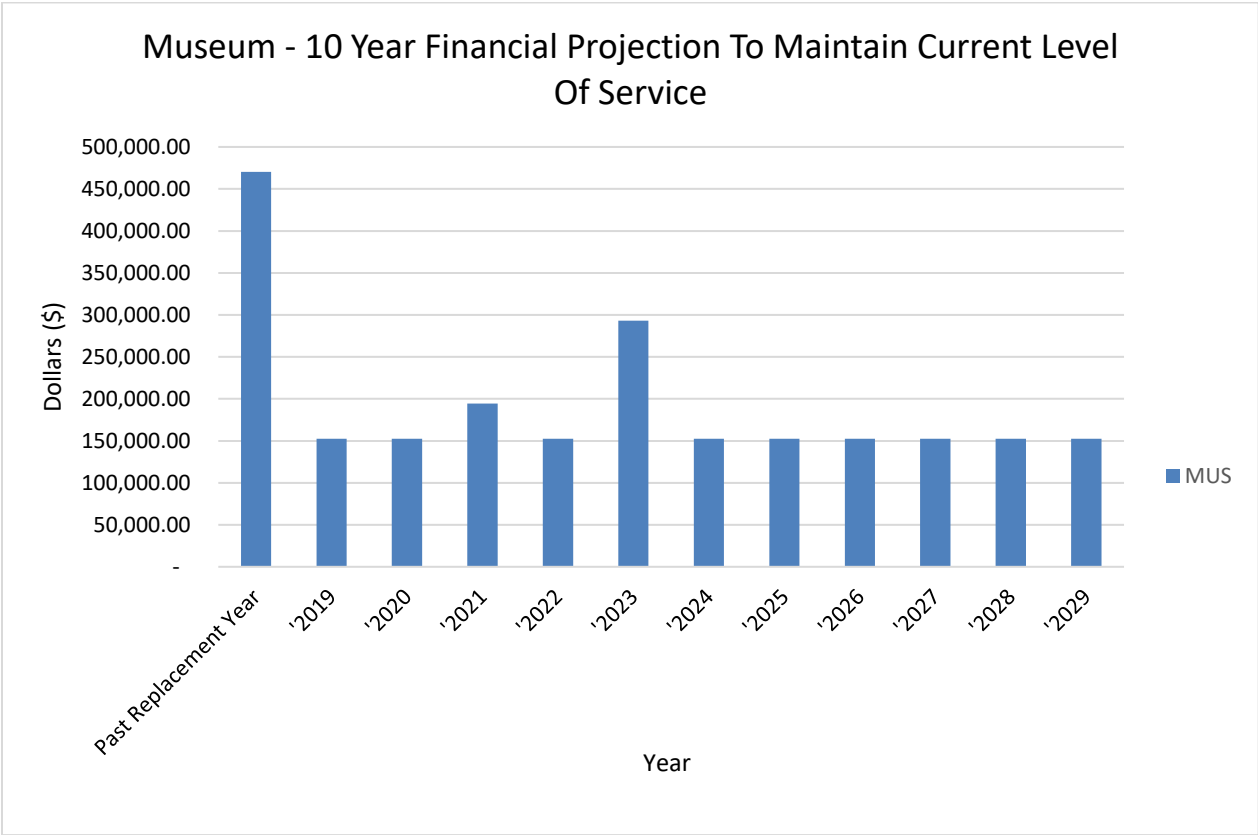
**Figure 23** – Parks 10 Year Financial Projection to Maintain Current Level of Service



**Figure 24** – Library 10 Year Financial Projection to Maintain Current Level of Service



**Figure 25** – Museum 10 Year Financial Projection to Maintain Current Level of Service



## 9 GROWTH & DEMAND

---

Growth throughout the community is critical in reaching the Town's mission of enhancing, diversifying and expanding its economic base and entrepreneurial spirit. With new infrastructure developments and population is expected to continue to rise, there will be an increased demand for services and stress on current assets. The need to construct new and replace current infrastructure, has made it more difficult to maintain and upgrade the existing, aging infrastructure. While the condition of the municipal assets is rated as being *good*, on average they are quickly approaching the mid-point of their expected life. This is the point where maintenance costs quickly accelerate. Further worsening the situation, of the limited availability of infrastructure funds, cost inflation, increased environmental and safety regulation and increased public service expectations.

### Town of Northeastern Manitoulin and the Islands

| Households | Population |
|------------|------------|
|------------|------------|

|       |       |
|-------|-------|
| 2,313 | 2,712 |
|-------|-------|

*2016 Statistics Canada Census*

## 10 CLIMATE CHANGE

With a change in climate, infrastructure and assets are more susceptible to risk of meteorological and climatological events, which can lead to risk of increased asset deterioration, failure and service disruption. The Town has taken into consideration the potential impacts of climate change and climatological events on its infrastructure when forecasting the financial budgets, asset designs, level of service and asset lifecycle. The International Institute for Sustainable Development identified the following impacts of climate change on municipal infrastructure in Canada.

**Figure 26** *Impacts of Climate Change on Infrastructure (International Institute for Sustainable Development)*

|                                                                                     |                                                                                                               |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
|    | Greater frequency of freeze-thaw cycles leading to thermal cracking, rutting, frost heave and thaw weakening. |
|                                                                                     | Soil instability, ground movement and slope instability                                                       |
|                                                                                     | Triggered instability of embankments and pavement structures                                                  |
|                                                                                     | Shortened life expectancy of roads                                                                            |
|                                                                                     | Drier conditions affecting lifecycle of bridges and culverts                                                  |
|    | Reduced structural integrity building components through mechanical, chemical and biological degradation      |
|                                                                                     | Increased corrosion and mold growth                                                                           |
|                                                                                     | Damaged or flooded structures                                                                                 |
|                                                                                     | Reduced service life and functionality of components and systems                                              |
|                                                                                     | Increased repair, maintenance, reserve fund contingencies and energy costs.                                   |
|  | Increased water demand and pressure on infrastructure                                                         |
|                                                                                     | Loss of potable water                                                                                         |
|                                                                                     | Increased risk of flooding: stormwater infrastructure more frequently exceeded                                |
|                                                                                     | Rupture of drinking water lines, sewage lines and sewage storage tanks                                        |
|                                                                                     | Saltwater intrusion in groundwater aquifers                                                                   |

The Town has taken steps towards mitigating and adapting to climate change.

Mitigation initiatives are underway with the implementation of energy efficient initiatives, such as replacement of the streetlight network to LED light bulbs and overall improvements in buildings. This is all in an effort to reduce operating costs and mitigate climate change. During the budgeting process, the Town takes into considerations actions that can be managed to reduce the risks of climate change impacts on the infrastructure.

## **11 ASSET MANAGEMENT STRATEGY**

---

### **1. Overdue Assets (increasing efficiency and reducing operating costs)**

As assets age, they work less efficiently and become costly to repair. An effort to reduce operating costs and the Town's overall impact on the environment, assets that are overdue will need to be replaced. With the assistance of the 10-year financial projections and an understanding of the full lifecycle cost of an asset, the Town will determine the most cost-effective approach to asset management. Forecasts of annual infrastructure replacement and rehabilitation needs is determined based on current condition, current replacement values and the useful life assigned to each asset and asset class.

### **2. Future growth to meet demand**

#### **a. Little Current water transmission infrastructure**

Parts of the Little Current water transmission infrastructure dates back approximately 80 years. It transports water through nearly 1450 meters of cast iron pipes to over 130 homes, numerous commercial businesses and critical services such as, but not limited to the Manitoulin Health Centre (hospital), Manitoulin Centennial Manor, NEMI Fire Department, Ontario Provincial Police (OPP) and Emergency Medical Services (EMS).

The purpose of the 'Little Current Cast Iron Water Main Replacement' is to take a proactive approach protecting and replacing aging infrastructure (water mains). The project will assist with meeting growing demand, specifically with seniors' developments and the construction of a new OPP station in the near future. Completion of this project will also eliminate water loss caused by leaks and deterioration, and reduce health and safety risks to the public. The Meredith Street cast iron water main system has experienced water loss due to deteriorating mains, as well as varying issues all resulting in limited/no/intermittent water service to users of the system.

By replacing and upgrading the cast iron pipes The Town hopes to reduce the number of emergency water main repairs, in-turn reducing the number of disturbances to users of the system, and health and safety risks associated with loss of pressure/contamination.

#### **b. Lagoon**

The Little Current lagoon system provides basic sewage treatment for serviced residential and commercial properties in the community of Little Current as well as two sanitary trucking companies that service private septic systems. The facility is located south of the settlement at rural address 277 Highway 540.

The purpose of the 'Little Current Lagoon Expansion and Upgrade' project is to expand wastewater services to accommodate new development in the Town of Little Current. At this point, we have two significant commercial developments slated to begin construction in Little Current in the short-term that will bring a minimum of 30 full time, 15 part time, and 10 seasonal jobs to our Town (not including the construction jobs required). In addition to these commercial developments, there are two confirmed senior housing initiatives with scheduled construction in the short-term that will create roughly 24 additional jobs in our community.

Due to severe capacity issues faced at the Little Current Lagoon, the Town of NEMI has been working with the Ministry of the Environment (MOECC) on lagoon expansion options in order to avoid forced orders. If progress is not made to expand the Little Current lagoon, MOECC orders could include restricting new connections to the system (and therefore losing the anticipated new jobs/businesses/etc.).

It is critical that the Lagoon Expansion and Upgrade project is completed in the immediate future so that we do not lose businesses and jobs in our small, rural community. The future economic development of our community hinges on our ability to complete this project, and continue to offer wastewater services to new and expanding businesses (commercial and industrial). As discussed, the MOECC has previously suggested they could place orders on the municipality to restrict new connections to the system. As per our municipal by-laws, lots in the Town of Little Current cannot be developed if they are not connected to the wastewater system (i.e. they have no other waste water options).

## 12 FINANCING STRATEGY

---

This section of the Plan is intended to provide a framework for the Town to integrate asset management with annual budgeting and long-term financial planning. The Town has traditionally completed capital projects by prioritizing and approving them with reference to the availability of funds. The Town has historically set aside funds in reserves and reserve funds in an effort to maintain its capital assets. Additionally, the Town has often relied on funding assistance from Federal and Provincial Government grants to undertake necessary capital projects.

### 12.1 A. AVAILABLE FUNDING TOOLS

#### 1. Federal and Provincial Grants

Historically, the Town has had some success in securing grant funding from the Federal and Provincial government to assist in funding capital projects. The Town will continue to seek financial assistance from upper levels of government to fund this project as it is crucial to support the expected demand from community growth.

The Town of Northeastern Manitoulin and the Islands also expects to continue receiving Gas Tax grant revenue. These funds can be applied to fund future capital road work.

The Town acknowledges that external funding is not a guaranteed source of revenue.

#### 2. Property Taxes

Property taxes represent approximately 57% of revenues in the 2018 Consolidated Budget. The use of property taxes to fund municipal services is the most secure source of funding for the Town. As such, the Town may be required to increase property tax revenue to fund additional capital expenditures. To that end, the Town could explore the use of a dedicated tax/infrastructure levy for the purpose of capital asset repair and replacement. However, the average total income of population aged 15 years and over in NEMI is \$34,456 (*Statistics Canada, 2016 Census*) so any tax increase will place a financial burden on residents.

#### 3. User Fees

User fees are a largest funding source of revenues for the Town. To the extent that user fees are being collected to fund repair and replacement of capital infrastructure, user fees should be allocated to capital reserves.

## **12.2 B. FINANCING AND FINANCIAL MANAGEMENT PRACTICES**

On an annual basis, the Town determines where each asset is in the lifecycle and forecasts when it is most cost efficient to replace them. Those that are determined to need replacement within the next 12 months will be included in that fiscal year's budget.

### **1) Reserves**

Reserves are to be used to cope with high capital investment periods by saving during low capital investment periods. This practice will smooth annual expenditures and ensure the Town can complete the required annual capital projects. In addition to contributions during low investment periods, the annual surpluses, should one arise, are contributed to increase reserves. In this respect, the Town could consider creating a dedicated reserve fund for the repair and replacement of capital assets. The Town could consider adopting a formal reserve policy which outlines the purpose, source of funds, use of funds, the ceiling and floor, and the duration of each reserve fund but this is difficult to do in a depressed economic area.

### **2) Debt Financing**

Debt financing is a tool available to fund infrastructure projects. As a safe practice, any potential debt will not be financed for a period longer than the average useful life of the asset. With this method, the planned debt will spread the costs of a project over the life of an asset to ensure the ratepayers who benefit from the asset share the cost. Therefore, the burden of capital is distributed equally between the current taxpayer and future rate payers. The Town has often explored the ability to fund capital works through the issuance of debt but prefers to minimize the debt taken on by the Town as the associated carrying costs as it placed additional burden on tax payers. It is a priority to attempt to cover all capital costs in the current year or with the financial funds raised with the yearly levy. It should be noted that the lagoon expansion and upgrade will require debt financing.

## 13 CONCLUSIONS AND RECOMMENDATIONS

---

The objective of this Asset Management Plan is to identifying where the gaps and priorities are, based on the current state of infrastructure, desired level of service and expected outcome. The Plan will contribute to better decision-making as to how best to manage capital assets in a sustainable and cost-efficient way. In this section, recommendations based on the analysis undertaken as part of the Plan are made.

### 13.1 SUMMARY OF KEY FINDINGS

Overall, the Town will need to continue to contribute to reserves and secure funding to cover capital expenditures and to address current and future infrastructure requirements in an effort to move forward with sustainable asset management planning.

- 1) The Town's asset base is extensive, with a replacement cost valued at \$72.3 million, in relation to the total permanent population of about 2,712 persons. The responsibility to maintain existing infrastructure is challenging and the Town will need to continue to increase capital contributions to address current and future infrastructure requirements.
- 2) Assets approaching the mid-point of their expected life will likely require repair or replacement within the next ten years. Should these repairs and replacements not take place, asset conditions and service levels may decline.
- 3) The Little Current Cast Iron Water Main Replacement and Upgrade project is critical to meet future growth and demand, eliminate water loss caused by leaks and deterioration, and reduce health and safety risks. It is recommended that critical road construction performed at the same time and location as the water main replacement and upgrade. By replacing the water main and critical road construction at the same time it will cut down on initial capital costs.
- 4) Little Current Critical Road Reconstruction, resurfacing the top layer of asphalt and rehabilitation to curbs and sidewalks is critical to providing safe and reliable roads that connect the Municipality to the remainder of Manitoulin Island. It is estimated that the reconstruction would increase the useful life by 25+ years and increase the condition of the road surface from adequate to excellent.
- 5) Within the Town the road network is (149.80km) 149,800 linear meters. Of that approximately 27% road base and 16% surface of the road asset class have a condition rating of *acceptable* and it is suggested that these roads are targeted for maintenance to ensure they remain safe and minimize risk for travel.

- 6) The Town currently has limited reserves available to fund capital projects and will continue to seek funding from federal and provincial government programs.

## 14 RECOMMENDATIONS

---

1. The Town needs to continue to address priority assets approaching the end of their useful life. Immediate action should be taken on the following assets and service areas:
  - a. The Little Current and Sheguiandah Water Treatment Plant infrastructure analysis
  - b. The Little Current Cast Iron Water Main Replacement and Upgrade (Worthington Street)
  - c. Little Current Critical Road Reconstruction
  - d. The Sheguiandah Sand Dome Project
2. It is recommended that the Town begin to plan for financing options for the replacement or major rehabilitation of assets that have reached the mid point in their expected useful life.
3. It is recommended that the Town upgrades or replaces assets that are at the end of their useful life and have a rating less than fair.
4. It is recommended that the Town continue to save surplus funds by transferring them into reserve funds for future use.
5. The Municipality needs to continue to seek funding assistance from other levels of government based on the modest income level of its residents.

## 15 ASSUMPTIONS

---

The Town's Asset Management Plan has been based on assumptions regarding economic, environmental, political, and social landscape. Changes within these areas many have an impact on the delivery of the services outlined in the Asset Management Plan. The following outlines key assumptions that have been made and associated uncertainties.

- **Climate change** is incorporated but extraordinary events have not been planned for, due to lack of previous extraordinary events.
- **Economic environment** will remain unchanged or will move to a period of gradual improvement.
- **Future population** will maintain – increase.
- **External funding sources** will remain the same or more likely decrease.

## 16 APPENDIX

---

## 16.1 MINIMUM MAINTENANCE STANDARDS

Municipal Act, 2001  
Loi de 2001 sur les municipalités

### ONTARIO REGULATION 239/02

#### MINIMUM MAINTENANCE STANDARDS FOR MUNICIPAL HIGHWAYS

**Consolidation Period:** From May 3, 2018 to the [e-Laws currency date](#).

Last amendment: [366/18](#).

Legislative History: [288/03](#), [613/06](#), [23/10](#), [47/13](#), [366/18](#).

***This Regulation is made in English only.***

#### Definitions

1. (1) In this Regulation,
- “bicycle facility” means the on-road and in-boulevard cycling facilities listed in Book 18 of the Ontario Traffic Manual;
- “bicycle lane” means,
- a portion of a roadway that has been designated by pavement markings or signage for the preferential or exclusive use of cyclists, or
  - a portion of a roadway that has been designated for the exclusive use of cyclists by signage and a physical or marked buffer;
- “cm” means centimetres;
- “day” means a 24-hour period;
- “encroachment” means anything that is placed, installed, constructed or planted within the highway that was not placed, installed, constructed or planted by the municipality;
- “ice” means all kinds of ice, however formed;
- “motor vehicle” has the same meaning as in subsection 1 (1) of the *Highway Traffic Act*, except that it does not include a motor assisted bicycle;
- “non-paved surface” means a surface that is not a paved surface;
- “Ontario Traffic Manual” means the Ontario Traffic Manual published by the Ministry of Transportation, as amended from time to time;
- “paved surface” means a surface with a wearing layer or layers of asphalt, concrete or asphalt emulsion;
- “pothole” means a hole in the surface of a roadway caused by any means, including wear or subsidence of the road surface or subsurface;
- “roadway” has the same meaning as in subsection 1 (1) of the *Highway Traffic Act*;
- “shoulder” means the portion of a highway that provides lateral support to the roadway and that may accommodate stopped motor vehicles and emergency use;
- “sidewalk” means the part of the highway specifically set aside or commonly understood to be for pedestrian use, typically consisting of a paved surface but does not include crosswalks, medians, boulevards, shoulders or any part of the sidewalk where cleared snow has been deposited;
- “significant weather event” means an approaching or occurring weather hazard with the potential to pose a significant danger to users of the highways within a municipality;
- “snow accumulation” means the natural accumulation of any of the following that, alone or together, covers more than half a lane width of a roadway:
1. Newly-fallen snow.
  2. Wind-blown snow.
  3. Slush;
- “substantial probability” means a significant likelihood considerably in excess of 51 per cent;

“surface” means the top of a sidewalk, roadway or shoulder;

“utility” includes any air, gas, water, electricity, cable, fiber-optic, telecommunication or traffic control system or subsystem, fire hydrants, sanitary sewers, storm sewers, property bars and survey monuments;

“utility appurtenance” includes maintenance holes and hole covers, water shut-off covers and boxes, valves, fittings, vaults, braces, pipes, pedestals, and any other structures or items that form part of or are an accessory part of any utility;

“weather” means air temperature, wind and precipitation.

“weather hazard” means the weather hazards determined by Environment Canada as meeting the criteria for the issuance of an alert under its Public Weather Alerting Program. O. Reg. 239/02, s. 1 (1); O. Reg. 23/10, s. 1 (1); O. Reg. 47/13, s. 1; O. Reg. 366/18, s. 1 (1, 2).

(2) For the purposes of this Regulation, every highway or part of a highway under the jurisdiction of a municipality in Ontario is classified in the Table to this section as a Class 1, Class 2, Class 3, Class 4, Class 5 or Class 6 highway, based on the speed limit applicable to it and the average daily traffic on it. O. Reg. 239/02, s. 1 (2); O. Reg. 366/18, s. 1 (3).

(3) For the purposes of subsection (2) and the Table to this section, the average daily traffic on a highway or part of a highway under municipal jurisdiction shall be determined,

- (a) by counting and averaging the daily two-way traffic on the highway or part of the highway; or
- (b) by estimating the average daily two-way traffic on the highway or part of the highway. O. Reg. 239/02, s. 1 (3); O. Reg. 23/10, s. 1 (2); O. Reg. 366/18, s. 1 (3).

(4) For the purposes of this Regulation, unless otherwise indicated in a provision of this Regulation, a municipality is deemed to be aware of a fact if, in the absence of actual knowledge of the fact, circumstances are such that the municipality ought reasonably to be aware of the fact. O. Reg. 366/18, s. 1 (4).

TABLE  
CLASSIFICATION OF HIGHWAYS

| Column 1<br>Average Daily Traffic<br>(number of motor<br>vehicles) | Column 2<br>91 - 100<br>km/h speed<br>limit | Column 3<br>81 - 90<br>km/h<br>speed<br>limit | Column 4<br>71 - 80<br>km/h<br>speed<br>limit | Column 5<br>61 - 70<br>km/h<br>speed<br>limit | Column 6<br>51 - 60<br>km/h<br>speed<br>limit | Column 7<br>41 - 50<br>km/h<br>speed<br>limit | Column 8<br>1 - 40<br>km/h<br>speed<br>limit |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------|
| 53,000 or more                                                     | 1                                           | 1                                             | 1                                             | 1                                             | 1                                             | 1                                             | 1                                            |
| 23,000 - 52,999                                                    | 1                                           | 1                                             | 1                                             | 2                                             | 2                                             | 2                                             | 2                                            |
| 15,000 - 22,999                                                    | 1                                           | 1                                             | 2                                             | 2                                             | 2                                             | 3                                             | 3                                            |
| 12,000 - 14,999                                                    | 1                                           | 1                                             | 2                                             | 2                                             | 2                                             | 3                                             | 3                                            |
| 10,000 - 11,999                                                    | 1                                           | 1                                             | 2                                             | 2                                             | 3                                             | 3                                             | 3                                            |
| 8,000 - 9,999                                                      | 1                                           | 1                                             | 2                                             | 3                                             | 3                                             | 3                                             | 3                                            |
| 6,000 - 7,999                                                      | 1                                           | 2                                             | 2                                             | 3                                             | 3                                             | 4                                             | 4                                            |
| 5,000 - 5,999                                                      | 1                                           | 2                                             | 2                                             | 3                                             | 3                                             | 4                                             | 4                                            |
| 4,000 - 4,999                                                      | 1                                           | 2                                             | 3                                             | 3                                             | 3                                             | 4                                             | 4                                            |
| 3,000 - 3,999                                                      | 1                                           | 2                                             | 3                                             | 3                                             | 3                                             | 4                                             | 4                                            |
| 2,000 - 2,999                                                      | 1                                           | 2                                             | 3                                             | 3                                             | 4                                             | 5                                             | 5                                            |
| 1,000 - 1,999                                                      | 1                                           | 3                                             | 3                                             | 3                                             | 4                                             | 5                                             | 5                                            |
| 500 - 999                                                          | 1                                           | 3                                             | 4                                             | 4                                             | 4                                             | 5                                             | 5                                            |
| 200 - 499                                                          | 1                                           | 3                                             | 4                                             | 4                                             | 5                                             | 5                                             | 6                                            |
| 50 - 199                                                           | 1                                           | 3                                             | 4                                             | 5                                             | 5                                             | 6                                             | 6                                            |
| 0 - 49                                                             | 1                                           | 3                                             | 6                                             | 6                                             | 6                                             | 6                                             | 6                                            |

O. Reg. 366/18, s. 1 (5).

## Application

2. (1) This Regulation sets out the minimum standards of repair for highways under municipal jurisdiction for the purpose of clause 44 (3) (c) of the Act. O. Reg. 288/03, s. 1.

(2) REVOKED: O. Reg. 23/10, s. 2.

(3) This Regulation does not apply to Class 6 highways. O. Reg. 239/02, s. 2 (3).

## Purpose

2.1 The purpose of this Regulation is to clarify the scope of the statutory defence available to a municipality under clause 44 (3) (c) of the Act by establishing maintenance standards which are non-prescriptive as to the methods or materials to be used in complying with the standards but instead describe a desired outcome. O. Reg. 366/18, s. 2.

### Patrolling

3. (1) The standard for the frequency of patrolling of highways to check for conditions described in this Regulation is set out in the Table to this section. O. Reg. 23/10, s. 3 (1); O. Reg. 366/18, s. 3 (2).

(2) If it is determined by the municipality that the weather monitoring referred to in section 3.1 indicates that there is a substantial probability of snow accumulation on roadways, ice formation on roadways or icy roadways, the standard for patrolling highways is, in addition to that set out in subsection (1), to patrol highways that the municipality selects as representative of its highways, at intervals deemed necessary by the municipality, to check for such conditions. O. Reg. 47/13, s. 2; O. Reg. 366/18, s. 3 (2).

(3) Patrolling a highway consists of observing the highway, either by driving on or by electronically monitoring the highway, and may be performed by persons responsible for patrolling highways or by persons responsible for or performing highway maintenance activities. O. Reg. 23/10, s. 3 (1).

(4) This section does not apply in respect of the conditions described in section 10, subsections 11 (0.1) and 12 (1) and section 16.1, 16.2, 16.3 or 16.4. O. Reg. 23/10, s. 3 (1); O. Reg. 366/18, s. 3 (3).

TABLE  
PATROLLING FREQUENCY

| Class of Highway | Patrolling Frequency |
|------------------|----------------------|
| 1                | 3 times every 7 days |
| 2                | 2 times every 7 days |
| 3                | once every 7 days    |
| 4                | once every 14 days   |
| 5                | once every 30 days   |

O. Reg. 239/02, s. 3, Table; O. Reg. 23/10, s. 3 (2).

### Weather monitoring

3.1 (1) From October 1 to April 30, the standard is to monitor the weather, both current and forecast to occur in the next 24 hours, once every shift or three times per calendar day, whichever is more frequent, at intervals determined by the municipality. O. Reg. 47/13, s. 3; O. Reg. 366/18, s. 4.

(2) From May 1 to September 30, the standard is to monitor the weather, both current and forecast to occur in the next 24 hours, once per calendar day. O. Reg. 47/13, s. 3; O. Reg. 366/18, s. 4.

### Snow accumulation, roadways

4. (1) Subject to section 4.1, the standard for addressing snow accumulation on roadways is,

- (a) after becoming aware of the fact that the snow accumulation on a roadway is greater than the depth set out in the Table to this section, to deploy resources as soon as practicable to address the snow accumulation; and
- (b) after the snow accumulation has ended, to address the snow accumulation so as to reduce the snow to a depth less than or equal to the depth set out in the Table within the time set out in the Table,
  - (i) to provide a minimum lane width of the lesser of three metres for each lane or the actual lane width, or
  - (ii) on a Class 4 or Class 5 highway with two lanes, to provide a total width of at least five metres. O. Reg. 47/13, s. 4; O. Reg. 366/18, s. 5 (1).

(2) If the depth of snow accumulation on a roadway is less than or equal to the depth set out in the Table to this section, the roadway is deemed to be in a state of repair with respect to snow accumulation. O. Reg. 47/13, s. 4.

(3) For the purposes of this section, the depth of snow accumulation on a roadway and, if applicable, lane width under clause (1) (b), may be determined in accordance with subsection (4) by a municipal employee, agent or contractor, whose duties or responsibilities include one or more of the following:

1. Patrolling highways.
2. Performing highway maintenance activities.
3. Supervising staff who perform activities described in paragraph 1 or 2. O. Reg. 47/13, s. 4; O. Reg. 366/18, s. 5 (2).

(4) The depth of snow accumulation on a roadway and lane width may be determined by,

- (a) performing an actual measurement;
- (b) monitoring the weather; or
- (c) performing a visual estimate. O. Reg. 47/13, s. 4; O. Reg. 366/18, s. 5 (3).
- (5) For the purposes of this section, addressing snow accumulation on a roadway includes,
  - (a) plowing the roadway;
  - (b) salting the roadway;
  - (c) applying abrasive materials to the roadway;
  - (d) applying other chemical or organic agents to the roadway;
  - (e) any combination of the methods described in clauses (a) to (d). O. Reg. 366/18, s. 5 (4).
- (6) This section does not apply to that portion of the roadway,
  - (a) designated for parking;
  - (b) consisting of a bicycle lane or other bicycle facility; or
  - (d) used by a municipality for snow storage. O. Reg. 366/18, s. 5 (4).

TABLE  
SNOW ACCUMULATION - ROADWAYS

| Class of Highway | Depth  | Time     |
|------------------|--------|----------|
| 1                | 2.5 cm | 4 hours  |
| 2                | 5 cm   | 6 hours  |
| 3                | 8 cm   | 12 hours |
| 4                | 8 cm   | 16 hours |
| 5                | 10 cm  | 24 hours |

O. Reg. 47/13, s. 4; O. Reg. 366/18, s. 5 (5).

#### **Snow accumulation on roadways, significant weather event**

**4.1** (1) If a municipality declares a significant weather event relating to snow accumulation, the standard for addressing snow accumulation on roadways until the declaration of the end of the significant weather event is,

- (a) to monitor the weather in accordance with section 3.1; and
- (b) if deemed practicable by the municipality, to deploy resources to address snow accumulation on roadways, starting from the time that the municipality deems appropriate to do so. O. Reg. 366/18, s. 7.

(2) If the municipality complies with subsection (1), all roadways within the municipality are deemed to be in a state of repair with respect to snow accumulation until the applicable time in the Table to section 4 expires following the declaration of the end of the significant weather event by the municipality. O. Reg. 366/18, s. 7.

(3) Following the end of the weather hazard in respect of which a significant weather event was declared by a municipality under subsection (1), the municipality shall,

- (a) declare the end of the significant weather event when the municipality determines it is appropriate to do so; and
- (b) address snow accumulation on roadways in accordance with section 4. O. Reg. 366/18, s. 7.

#### **Snow accumulation, bicycle lanes**

**4.2** (1) Subject to section 4.3, the standard for addressing snow accumulation on bicycle lanes is,

- (a) after becoming aware of the fact that the snow accumulation on a bicycle lane is greater than the depth set out in the Table to this section, to deploy resources as soon as practicable to address the snow accumulation; and
- (b) after the snow accumulation has ended, to address the snow accumulation so as to reduce the snow to a depth less than or equal to the depth set out in the Table to this section to provide a minimum bicycle lane width of the lesser of 1 metre or the actual bicycle lane width. O. Reg. 366/18, s. 7.

(2) If the depth of snow accumulation on a bicycle lane is less than or equal to the depth set out in the Table to this section, the bicycle lane is deemed to be in a state of repair in respect of snow accumulation. O. Reg. 366/18, s. 7.

(3) For the purposes of this section, the depth of snow accumulation on a bicycle lane and, if applicable, lane width under clause (1) (b), may be determined in the same manner as set out in subsection 4 (4) and by the persons mentioned in subsection 4 (3), with necessary modifications. O. Reg. 366/18, s. 7.

(4) For the purposes of this section, addressing snow accumulation on a bicycle lane includes,

- (a) plowing the bicycle lane;
- (b) salting the bicycle lane;
- (c) applying abrasive materials to the bicycle lane;
- (d) applying other chemical or organic agents to the bicycle lane;
- (e) sweeping the bicycle lane; or
- (f) any combination of the methods described in clauses (a) to (e). O. Reg. 366/18, s. 7.

TABLE  
SNOW ACCUMULATION – BICYCLE LANES

| Column 1<br>Class of Highway<br>or Adjacent<br>Highway | Column 2<br>Depth | Column 3<br>Time |
|--------------------------------------------------------|-------------------|------------------|
| 1                                                      | 2.5 cm            | 8 hours          |
| 2                                                      | 5 cm              | 12 hours         |
| 3                                                      | 8 cm              | 24 hours         |
| 4                                                      | 8 cm              | 24 hours         |
| 5                                                      | 10 cm             | 24 hours         |

O. Reg. 366/18, s. 7.

#### **Snow accumulation on bicycle lanes, significant weather event**

**4.3** (1) If a municipality declares a significant weather event relating to snow accumulation, the standard for addressing snow accumulation on bicycle lanes until the declaration of the end of the significant weather event is,

- (a) to monitor the weather in accordance with section 3.1; and
- (b) if deemed practicable by the municipality, to deploy resources to address snow accumulation on bicycle lanes, starting from the time that the municipality deems appropriate to do so. O. Reg. 366/18, s. 7.

(2) If the municipality complies with subsection (1), all bicycle lanes within the municipality are deemed to be in a state of repair with respect to snow accumulation until the applicable time in the Table to section 4.2 expires following the declaration of the end of the significant weather event by the municipality. O. Reg. 366/18, s. 7.

(3) Following the end of the weather hazard in respect of which a significant weather event was declared by a municipality under subsection (1), the municipality shall,

- (a) declare the end of the significant weather event when the municipality determines it is appropriate to do so; and
- (b) address snow accumulation on bicycle lanes in accordance with section 4.2. O. Reg. 366/18, s. 7.

#### **Ice formation on roadways and icy roadways**

**5.** (1) The standard for the prevention of ice formation on roadways is doing the following in the 24-hour period preceding an alleged formation of ice on a roadway:

- 1. Monitor the weather in accordance with section 3.1.
- 2. Patrol in accordance with section 3.
- 3. If the municipality determines, as a result of its activities under paragraph 1 or 2, that there is a substantial probability of ice forming on a roadway, treat the roadway, if practicable, to prevent ice formation within the time set out in Table 1 to this section, starting from the time that the municipality determines is the appropriate time to deploy resources for that purpose. O. Reg. 366/18, s. 8.

(2) If the municipality meets the standard set out in subsection (1) and, despite such compliance, ice forms on a roadway, the roadway is deemed to be in a state of repair until the applicable time set out in

Table 2 to this section expires after the municipality becomes aware of the fact that the roadway is icy. O. Reg. 366/18, s. 8.

(3) Subject to section 5.1, the standard for treating icy roadways is to treat the icy roadway within the time set out in Table 2 to this section, and an icy roadway is deemed to be in a state of repair until the applicable time set out in Table 2 to this section expires after the municipality becomes aware of the fact that a roadway is icy. O. Reg. 366/18, s. 8.

(4) For the purposes of this section, treating a roadway means applying material to the roadway, including but not limited to, salt, sand or any combination of salt and sand. O. Reg. 366/18, s. 8.

(5) For greater certainty, this section applies in respect of ice formation on bicycle lanes on a roadway, but does not apply to other types of bicycle facilities. O. Reg. 366/18, s. 8.

TABLE 1  
ICE FORMATION PREVENTION

| Class of Highway | Time     |
|------------------|----------|
| 1                | 6 hours  |
| 2                | 8 hours  |
| 3                | 16 hours |
| 4                | 24 hours |
| 5                | 24 hours |

O. Reg. 366/18, s. 8.

TABLE 2  
TREATMENT OF ICY ROADWAYS

| Class of Highway | Time     |
|------------------|----------|
| 1                | 3 hours  |
| 2                | 4 hours  |
| 3                | 8 hours  |
| 4                | 12 hours |
| 5                | 16 hours |

O. Reg. 366/18, s. 8.

### **Icy roadways, significant weather event**

**5.1** (1) If a municipality declares a significant weather event relating to ice, the standard for treating icy roadways until the declaration of the end of the significant weather event is,

- (a) to monitor the weather in accordance with section 3.1; and
- (b) if deemed practicable by the municipality, to deploy resources to treat icy roadways, starting from the time that the municipality deems appropriate to do so. O. Reg. 366/18, s. 8.

(2) If the municipality complies with subsection (1), all roadways within the municipality are deemed to be in a state of repair with respect to any ice which forms or may be present until the applicable time in Table 2 to section 5 expires after the declaration of the end of the significant weather event by the municipality. O. Reg. 366/18, s. 8.

(3) Following the end of the weather hazard in respect of which a significant weather event was declared by a municipality under subsection (1), the municipality shall,

- (a) declare the end of the significant weather event when the municipality determines it is appropriate to do so; and
- (b) treat icy roadways in accordance with section 5. O. Reg. 366/18, s. 8.

### **Potholes**

**6.** (1) If a pothole exceeds both the surface area and depth set out in Table 1, 2 or 3 to this section, as the case may be, the standard is to repair the pothole within the time set out in Table 1, 2 or 3, as appropriate, after becoming aware of the fact. O. Reg. 239/02, s. 6 (1); O. Reg. 366/18, s. 8 (1).

(1.1) For the purposes of this section, the surface area and depth of a pothole may be determined in accordance with subsections (1.2) and (1.3), as applicable, by a municipal employee, agent or contractor whose duties or responsibilities include one or more of the following:

1. Patrolling highways.
2. Performing highway maintenance activities.
3. Supervising staff who perform activities described in paragraph 1 or 2. O. Reg. 366/18, s. 8 (2).

(1.2) The depth and surface area of a pothole may be determined by,

- (a) performing an actual measurement; or
- (b) performing a visual estimate. O. Reg. 366/18, s. 8 (2).

(1.3) For the purposes of this section, the surface area of a pothole does not include any area that is merely depressed and not yet broken fully through the surface of the roadway. O. Reg. 366/18, s. 8 (2).

(2) A pothole is deemed to be in a state of repair if its surface area or depth is less than or equal to that set out in Table 1, 2 or 3, as appropriate. O. Reg. 239/02, s. 6 (2); O. Reg. 47/13, s. 6.

TABLE 1  
POTHOLES ON PAVED SURFACE OF ROADWAY

| Class of Highway | Surface Area         | Depth | Time    |
|------------------|----------------------|-------|---------|
| 1                | 600 cm <sup>2</sup>  | 8 cm  | 4 days  |
| 2                | 800 cm <sup>2</sup>  | 8 cm  | 4 days  |
| 3                | 1000 cm <sup>2</sup> | 8 cm  | 7 days  |
| 4                | 1000 cm <sup>2</sup> | 8 cm  | 14 days |
| 5                | 1000 cm <sup>2</sup> | 8 cm  | 30 days |

O. Reg. 239/02, s. 6, Table 1.

TABLE 2  
POTHOLES ON NON-PAVED SURFACE OF ROADWAY

| Class of Highway | Surface Area         | Depth | Time    |
|------------------|----------------------|-------|---------|
| 3                | 1500 cm <sup>2</sup> | 8 cm  | 7 days  |
| 4                | 1500 cm <sup>2</sup> | 10 cm | 14 days |
| 5                | 1500 cm <sup>2</sup> | 12 cm | 30 days |

O. Reg. 239/02, s. 6, Table 2.

TABLE 3  
POTHOLES ON PAVED OR NON-PAVED SURFACE OF SHOULDER

| Class of Highway | Surface Area         | Depth | Time    |
|------------------|----------------------|-------|---------|
| 1                | 1500 cm <sup>2</sup> | 8 cm  | 7 days  |
| 2                | 1500 cm <sup>2</sup> | 8 cm  | 7 days  |
| 3                | 1500 cm <sup>2</sup> | 8 cm  | 14 days |
| 4                | 1500 cm <sup>2</sup> | 10 cm | 30 days |
| 5                | 1500 cm <sup>2</sup> | 12 cm | 60 days |

O. Reg. 239/02, s. 6, Table 3.

### Shoulder drop-offs

7. (1) If a shoulder drop-off is deeper than 8 cm, for a continuous distance of 20 metres or more, the standard is to repair the shoulder drop-off within the time set out in the Table to this section after becoming aware of the fact. O. Reg. 366/18, s. 9 (1).

(2) A shoulder drop-off is deemed to be in a state of repair if its depth is less than 8 cm. O. Reg. 366/18, s. 9 (1).

(3) In this section,

“shoulder drop-off” means the vertical differential, where the paved surface of the roadway is higher than the surface of the shoulder, between the paved surface of the roadway and the paved or non-paved surface of the shoulder. O. Reg. 239/02, s. 7 (3).

TABLE  
SHOULDER DROP-OFFS

| Class of Highway | Time   |
|------------------|--------|
| 1                | 4 days |

|   |         |
|---|---------|
| 2 | 4 days  |
| 3 | 7 days  |
| 4 | 14 days |
| 5 | 30 days |

O. Reg. 366/18, s. 9 (2).

### Cracks

8. (1) If a crack on the paved surface of a roadway is greater than 5 cm wide and 5 cm deep for a continuous distance of three metres or more, the standard is to repair the crack within the time set out in the Table to this section after becoming aware of the fact. O. Reg. 366/18, s. 10 (1).

(2) A crack is deemed to be in a state of repair if its width or depth is less than or equal to 5 cm. O. Reg. 366/18, s. 10 (1).

TABLE  
CRACKS

| Column 1<br>Class of Highway | Column 2<br>Time |
|------------------------------|------------------|
| 1                            | 30 days          |
| 2                            | 30 days          |
| 3                            | 60 days          |
| 4                            | 180 days         |
| 5                            | 180 days         |

O. Reg. 366/18, s. 10 (2).

### Debris

9. (1) If there is debris on a roadway, the standard is to deploy resources, as soon as practicable after becoming aware of the fact, to remove the debris. O. Reg. 239/02, s. 9 (1); O. Reg. 366/18, s. 11.

(2) In this section,

“debris” means any material (except snow, slush or ice) or object on a roadway,

- (a) that is not an integral part of the roadway or has not been intentionally placed on the roadway by a municipality, and
- (b) that is reasonably likely to cause damage to a motor vehicle or to injure a person in a motor vehicle. O. Reg. 239/02, s. 9 (2); O. Reg. 47/13, s. 9.

### Luminaires

10. (0.1) REVOKED: O. Reg. 366/18, s. 12.

(1) The standard for the frequency of inspecting all luminaires to check to see that they are functioning is once per calendar year, with each inspection taking place not more than 16 months from the previous inspection. O. Reg. 366/18, s. 12.

(2) For conventional illumination, if three or more consecutive luminaires on the same side of a highway are not functioning, the standard is to repair the luminaires within the time set out in the Table to this section after becoming aware of the fact. O. Reg. 366/18, s. 12.

(3) For conventional illumination and high mast illumination, if 30 per cent or more of the luminaires on any kilometre of highway are not functioning, the standard is to repair the luminaires within the time set out in the Table to this section after becoming aware of the fact. O. Reg. 366/18, s. 12.

(4) Despite subsection (2), for high mast illumination, if all of the luminaires on consecutive poles on the same side of a highway are not functioning, the standard is to deploy resources as soon as practicable after becoming aware of the fact to repair the luminaires. O. Reg. 366/18, s. 12.

(5) Despite subsections (1), (2) and (3), for conventional illumination and high mast illumination, if more than 50 per cent of the luminaires on any kilometre of a Class 1 highway with a speed limit of 90 kilometres per hour or more are not functioning, the standard is to deploy resources as soon as practicable after becoming aware of the fact to repair the luminaires. O. Reg. 366/18, s. 12.

(6) Luminaires are deemed to be in a state of repair,

- (a) for the purpose of subsection (2), if the number of non-functioning consecutive luminaires on the same side of a highway does not exceed two;

- (b) for the purpose of subsection (3), if more than 70 per cent of luminaires on any kilometre of highway are functioning;
- (c) for the purpose of subsection (4), if one or more of the luminaires on consecutive poles on the same side of a highway are functioning;
- (d) for the purpose of subsection (5), if more than 50 per cent of luminaires on any kilometre of highway are functioning. O. Reg. 366/18, s. 12.

(7) In this section,

“conventional illumination” means lighting, other than high mast illumination, where there are one or more luminaires per pole;

“high mast illumination” means lighting where there are three or more luminaires per pole and the height of the pole exceeds 20 metres;

“luminaire” means a complete lighting unit consisting of,

- (a) a lamp, and
- (b) parts designed to distribute the light, to position or protect the lamp and to connect the lamp to the power supply. O. Reg. 239/02, s. 10 (7).

TABLE  
LUMINAIRES

| Class of Highway | Time    |
|------------------|---------|
| 1                | 7 days  |
| 2                | 7 days  |
| 3                | 14 days |
| 4                | 14 days |
| 5                | 14 days |

O. Reg. 239/02, s. 10, Table.

## Signs

**11. (0.1)** The standard for the frequency of inspecting signs of a type listed in subsection (2) to check to see that they meet the retro-reflectivity requirements of the Ontario Traffic Manual is once per calendar year, with each inspection taking place not more than 16 months from the previous inspection. O. Reg. 23/10, s. 7 (1); O. Reg. 47/13, s. 11 (1); O. Reg. 366/18, s. 13.

(0.2) A sign that has been inspected in accordance with subsection (0.1) is deemed to be in a state of repair with respect to the retro-reflectivity requirements of the Ontario Traffic Manual until the next inspection in accordance with that subsection, provided that the municipality does not acquire actual knowledge that the sign has ceased to meet these requirements. O. Reg. 47/13, s. 11 (2).

(1) If any sign of a type listed in subsection (2) is illegible, improperly oriented, obscured or missing, the standard is to deploy resources as soon as practicable after becoming aware of the fact to repair or replace the sign. O. Reg. 239/02, s. 11 (1); O. Reg. 23/10, s. 7 (2); O. Reg. 366/18, s. 13.

(2) This section applies to the following types of signs:

1. Checkerboard.
2. Curve sign with advisory speed tab.
3. Do not enter.
- 3.1 Load Restricted Bridge.
- 3.2 Low Bridge.
- 3.3 Low Bridge Ahead.
4. One Way.
5. School Zone Speed Limit.
6. Stop.
7. Stop Ahead.
8. Stop Ahead, New.
9. Traffic Signal Ahead, New.

10. Two-Way Traffic Ahead.
11. Wrong Way.
12. Yield.
13. Yield Ahead.
14. Yield Ahead, New. O. Reg. 239/02, s. 11 (2); O. Reg. 23/10, s. 7 (3).

### **Regulatory or warning signs**

**12.** (1) The standard for the frequency of inspecting regulatory signs or warning signs to check to see that they meet the retro-reflectivity requirements of the Ontario Traffic Manual is once per calendar year, with each inspection taking place not more than 16 months from the previous inspection. O. Reg. 23/10, s. 8; O. Reg. 47/13, s. 12 (1); O. Reg. 366/18, s. 13.

(1.1) A regulatory sign or warning sign that has been inspected in accordance with subsection (1) is deemed to be in a state of repair with respect to the retro-reflectivity requirements of the Ontario Traffic Manual until the next inspection in accordance with that subsection, provided that the municipality does not acquire actual knowledge that the sign has ceased to meet these requirements. O. Reg. 47/13, s. 12 (2).

(2) If a regulatory sign or warning sign is illegible, improperly oriented, obscured or missing, the standard is to repair or replace the sign within the time set out in the Table to this section after becoming aware of the fact. O. Reg. 23/10, s. 8; O. Reg. 366/18, s. 13.

(3) In this section,

“regulatory sign” and “warning sign” have the same meanings as in the Ontario Traffic Manual, except that they do not include a sign listed in subsection 11 (2) of this Regulation. O. Reg. 23/10, s. 8.

TABLE  
REGULATORY AND WARNING SIGNS

| Class of Highway | Time    |
|------------------|---------|
| 1                | 7 days  |
| 2                | 14 days |
| 3                | 21 days |
| 4                | 30 days |
| 5                | 30 days |

O. Reg. 239/02, s. 12, Table.

### **Traffic control signal systems**

**13.** (1) If a traffic control signal system is defective in any way described in subsection (2), the standard is to deploy resources as soon as practicable after becoming aware of the defect to repair the defect or replace the defective component of the traffic control signal system. O. Reg. 239/02, s. 13 (1); O. Reg. 366/18, s. 13.

(2) This section applies if a traffic control signal system is defective in any of the following ways:

1. One or more displays show conflicting signal indications.
2. The angle of a traffic control signal or pedestrian control indication has been changed in such a way that the traffic or pedestrian facing it does not have clear visibility of the information conveyed or that it conveys confusing information to traffic or pedestrians facing other directions.
3. A phase required to allow a pedestrian or vehicle to safely travel through an intersection fails to occur.
4. There are phase or cycle timing errors interfering with the ability of a pedestrian or vehicle to safely travel through an intersection.
5. There is a power failure in the traffic control signal system.
6. The traffic control signal system cabinet has been displaced from its proper position.
7. There is a failure of any of the traffic control signal support structures.
8. A signal lamp or a pedestrian control indication is not functioning.
9. Signals are flashing when flashing mode is not a part of the normal signal operation. O. Reg. 239/02, s. 13 (2).

(3) Despite subsection (1) and paragraph 8 of subsection (2), if the posted speed of all approaches to the intersection or location of the non-functioning signal lamp or pedestrian control indication is less than 80

kilometres per hour and the signal that is not functioning is a green or a pedestrian “walk” signal, the standard is to repair or replace the defective component by the end of the next business day. O. Reg. 239/02, s. 13 (3); O. Reg. 366/18, s. 13.

(4) In this section and section 14,

“cycle” means a complete sequence of traffic control indications at a location;

“display” means the illuminated and non-illuminated signals facing the traffic;

“indication” has the same meaning as in the *Highway Traffic Act*;

“phase” means a part of a cycle from the time where one or more traffic directions receive a green indication to the time where one or more different traffic directions receive a green indication;

“power failure” means a reduction in power or a loss in power preventing the traffic control signal system from operating as intended;

“traffic control signal” has the same meaning as in the *Highway Traffic Act*;

“traffic control signal system” has the same meaning as in the *Highway Traffic Act*. O. Reg. 239/02, s. 13 (4).

### **Traffic control signal system sub-systems**

**14.** (1) The standard is to inspect, test and maintain the following traffic control signal system sub-systems once per calendar year, with each inspection taking place not more than 16 months from the previous inspection:

1. The display sub-system, consisting of traffic signal and pedestrian crossing heads, physical support structures and support cables.
2. The traffic control sub-system, including the traffic control signal cabinet and internal devices such as timer, detection devices and associated hardware, but excluding conflict monitors.
3. The external detection sub-system, consisting of detection sensors for all vehicles, including emergency and railway vehicles and pedestrian push- buttons. O. Reg. 239/02, s. 14 (1); O. Reg. 47/13, s. 13 (1); O. Reg. 366/18, s. 13.

(1.1) A traffic control signal system sub-system that has been inspected, tested and maintained in accordance with subsection (1) is deemed to be in a state of repair until the next inspection in accordance with that subsection, provided that the municipality does not acquire actual knowledge that the traffic control signal system sub-system has ceased to be in a state of repair. O. Reg. 47/13, s. 13 (2).

(2) The standard is to inspect, test and maintain conflict monitors every five to seven months and at least twice per calendar year. O. Reg. 239/02, s. 14 (2); O. Reg. 47/13, s. 13 (3); O. Reg. 366/18, s. 13.

(2.1) A conflict monitor that has been inspected, tested and maintained in accordance with subsection (2) is deemed to be in a state of repair until the next inspection in accordance with that subsection, provided that the municipality does not acquire actual knowledge that the conflict monitor has ceased to be in a state of repair. O. Reg. 47/13, s. 13 (4).

(3) In this section,

“conflict monitor” means a device that continually checks for conflicting signal indications and responds to a conflict by emitting a signal. O. Reg. 239/02, s. 14 (3).

### **Bridge deck spalls**

**15.** (1) If a bridge deck spall exceeds both the surface area and depth set out in the Table to this section, the standard is to repair the bridge deck spall within the time set out in the Table after becoming aware of the fact. O. Reg. 239/02, s. 15 (1); O. Reg. 366/18, s. 13.

(2) A bridge deck spall is deemed to be in a state of repair if its surface area or depth is less than or equal to that set out in the Table. O. Reg. 239/02, s. 15 (2); O. Reg. 47/13, s. 14.

(3) In this section,

“bridge deck spall” means a cavity left by one or more fragments detaching from the paved surface of the roadway or shoulder of a bridge. O. Reg. 239/02, s. 15 (3).

TABLE  
BRIDGE DECK SPALLS

| Class of Highway | Surface Area | Depth | Time |
|------------------|--------------|-------|------|
|------------------|--------------|-------|------|

|   |                       |      |        |
|---|-----------------------|------|--------|
| 1 | 600 cm <sup>2</sup>   | 8 cm | 4 days |
| 2 | 800 cm <sup>2</sup>   | 8 cm | 4 days |
| 3 | 1,000 cm <sup>2</sup> | 8 cm | 7 days |
| 4 | 1,000 cm <sup>2</sup> | 8 cm | 7 days |
| 5 | 1,000 cm <sup>2</sup> | 8 cm | 7 days |

O. Reg. 239/02, s. 15, Table.

### Roadway surface discontinuities

**16.** (1) If a surface discontinuity on a roadway, other than a surface discontinuity on a bridge deck, exceeds the height set out in the Table to this section, the standard is to repair the surface discontinuity within the time set out in the Table after becoming aware of the fact. O. Reg. 23/10, s. 9; O. Reg. 366/18, s. 13.

(1.1) A surface discontinuity on a roadway, other than a surface discontinuity on a bridge deck, is deemed to be in a state of repair if its height is less than or equal to the height set out in the Table to this section. O. Reg. 47/13, s. 15.

(2) If a surface discontinuity on a bridge deck exceeds five centimetres, the standard is to deploy resources as soon as practicable after becoming aware of the fact to repair the surface discontinuity on the bridge deck. O. Reg. 23/10, s. 9; O. Reg. 366/18, s. 13.

(2.1) A surface discontinuity on a bridge deck is deemed to be in a state of repair if its height is less than or equal to five centimetres. O. Reg. 47/13, s. 15.

(3) In this section,  
“surface discontinuity” means a vertical discontinuity creating a step formation at joints or cracks in the paved surface of the roadway, including bridge deck joints, expansion joints and approach slabs to a bridge. O. Reg. 23/10, s. 9.

TABLE  
SURFACE DISCONTINUITIES

| Class of Highway | Height | Time    |
|------------------|--------|---------|
| 1                | 5 cm   | 2 days  |
| 2                | 5 cm   | 2 days  |
| 3                | 5 cm   | 7 days  |
| 4                | 5 cm   | 21 days |
| 5                | 5 cm   | 21 days |

O. Reg. 239/02, s. 16, Table.

### Sidewalk surface discontinuities

**16.1** (1) The standard for the frequency of inspecting sidewalks to check for surface discontinuity is once per calendar year, with each inspection taking place not more than 16 months from the previous inspection. O. Reg. 23/10, s. 10; O. Reg. 47/13, s. 16 (1); O. Reg. 366/18, s. 13.

(1.1) A sidewalk that has been inspected in accordance with subsection (1) is deemed to be in a state of repair with respect to any surface discontinuity until the next inspection in accordance with that subsection, provided that the municipality does not acquire actual knowledge of the presence of a surface discontinuity in excess of two centimetres. O. Reg. 47/13, s. 16 (2).

(2) If a surface discontinuity on or within a sidewalk exceeds two centimetres, the standard is to treat the surface discontinuity within 14 days after acquiring actual knowledge of the fact. O. Reg. 366/18, s. 14.

(2.1) REVOKED: O. Reg. 366/18, s. 14.

(3) A surface discontinuity on or within a sidewalk is deemed to be in a state of repair if it is less than or equal to two centimetres. O. Reg. 366/18, s. 14.

(4) For the purpose of subsection (2), treating a surface discontinuity on or within a sidewalk means taking reasonable measures to protect users of the sidewalk from the discontinuity, including making permanent or temporary repairs, alerting users’ attention to the discontinuity or preventing access to the area of discontinuity. O. Reg. 366/18, s. 14.

(5) In this section,

“surface discontinuity” means a vertical discontinuity creating a step formation at any joint or crack in the surface of the sidewalk or any vertical height difference between a utility appurtenance found on or within the sidewalk and the surface of the sidewalk. O. Reg. 366/18, s. 14.

### **Encroachments, area adjacent to sidewalk**

**16.2** (1) The standard for the frequency of inspecting an area adjacent to a sidewalk to check for encroachments is once per calendar year, with each inspection taking place not more than 16 months from the previous inspection. O. Reg. 366/18, s. 15.

(2) The area adjacent to a sidewalk that has been inspected in accordance with subsection (1) is deemed to be in a state of repair in respect of any encroachment present. O. Reg. 366/18, s. 15.

(3) For greater certainty, the area adjacent to a sidewalk begins at the outer edges of a sidewalk and ends at the lesser of the limit of the highway, the back edge of a curb if there is a curb and a maximum of 45 cm. O. Reg. 366/18, s. 15.

(4) The area adjacent to a sidewalk is deemed to be in a state of repair in respect of any encroachment present unless the encroachment is determined by a municipality to be highly unusual given its character and location or to constitute a significant hazard to pedestrians. O. Reg. 366/18, s. 15.

(5) If a municipality determines that an encroachment is highly unusual given its character and location or constitutes a significant hazard to pedestrians, the standard is to treat the encroachment within 28 days after making such a determination, and the encroachment is deemed in a state of repair for 28 days from the time of the determination by the municipality. O. Reg. 366/18, s. 15.

(6) For the purpose of subsection (4), treating an encroachment means taking reasonable measures to protect users, including making permanent or temporary repairs, alerting users’ attention to the encroachment or preventing access to the area of the encroachment. O. Reg. 366/18, s. 15.

### **Snow accumulation on sidewalks**

**16.3** (1) Subject to section 16.4, the standard for addressing snow accumulation on a sidewalk after the snow accumulation has ended is,

- a) to reduce the snow to a depth less than or equal to 8 centimetres within 48 hours; and
- b) to provide a minimum sidewalk width of 1 metre. O. Reg. 366/18, s. 15.

(2) If the depth of snow accumulation on a sidewalk is less than or equal to 8 centimetres, the sidewalk is deemed to be in a state of repair in respect of snow accumulation. O. Reg. 366/18, s. 15.

(3) If the depth of snow accumulation on a sidewalk exceeds 8 centimetres while the snow continues to accumulate, the sidewalk is deemed to be in a state of repair with respect to snow accumulation, until 48 hours after the snow accumulation ends. O. Reg. 366/18, s. 15.

(4) For the purposes of this section, the depth of snow accumulation on a sidewalk may be determined in the same manner as set out in subsection 4 (4) and by the persons mentioned in subsection 4 (3) with necessary modifications. O. Reg. 366/18, s. 15.

(5) For the purposes of this section, addressing snow accumulation on a sidewalk includes,

- (a) plowing the sidewalk;
- (b) salting the sidewalk;
- (c) applying abrasive materials to the sidewalk;
- (d) applying other chemical or organic agents to the sidewalk; or
- (e) any combination of the methods described in clauses (a) to (d). O. Reg. 366/18, s. 15.

### **Snow accumulation on sidewalks, significant weather event**

**16.4** (1) If a municipality declares a significant weather event relating to snow accumulation, the standard for addressing snow accumulation on sidewalks until the declaration of the end of the significant weather event is,

- (a) to monitor the weather in accordance with section 3.1; and
- (b) if deemed practicable by the municipality, to deploy resources to address snow accumulation on sidewalks starting from the time that the municipality deems appropriate to do so. O. Reg. 366/18, s. 15.

(2) If the municipality complies with subsection (1), all sidewalks within the municipality are deemed to be in a state of repair with respect to any snow present until 48 hours following the declaration of the end of the significant weather event by the municipality. O. Reg. 366/18, s. 15.

(3) Following the end of the weather hazard in respect of which a significant weather event was declared by a municipality under subsection (1), the municipality shall,

- (a) declare the end of the significant weather event when the municipality determines it is appropriate to do so; and
- (b) address snow accumulation on sidewalks in accordance with section 16.3. O. Reg. 366/18, s. 15.

#### **Ice formation on sidewalks and icy sidewalks**

**16.5** (1) Subject to section 16.6, the standard for the prevention of ice formation on sidewalks is to,

- (a) monitor the weather in accordance with section 3.1 in the 24-hour period preceding an alleged formation of ice on a sidewalk; and
- (b) treat the sidewalk if practicable to prevent ice formation or improve traction within 48 hours if the municipality determines that there is a substantial probability of ice forming on a sidewalk, starting from the time that the municipality determines is the appropriate time to deploy resources for that purpose. O. Reg. 366/18, s. 15.

(2) If ice forms on a sidewalk even though the municipality meets the standard set out in subsection (1), the sidewalk is deemed to be in a state of repair in respect of ice until 48 hours after the municipality first becomes aware of the fact that the sidewalk is icy. O. Reg. 366/18, s. 15.

(3) The standard for treating icy sidewalks after the municipality becomes aware of the fact that a sidewalk is icy is to treat the icy sidewalk within 48 hours, and an icy sidewalk is deemed to be in a state of repair for 48 hours after it has been treated. O. Reg. 366/18, s. 15.

(4) For the purposes of this section, treating a sidewalk means applying materials including salt, sand or any combination of salt and sand to the sidewalk. O. Reg. 366/18, s. 15.

#### **Icy sidewalks, significant weather event**

**16.6** (1) If a municipality declares a significant weather event relating to ice, the standard for addressing ice formation or ice on sidewalks until the declaration of the end of the significant weather event is,

- (a) to monitor the weather in accordance with section 3.1; and
- (b) if deemed practicable by the municipality, to deploy resources to treat the sidewalks to prevent ice formation or improve traction, or treat the icy sidewalks, starting from the time that the municipality deems appropriate to do so. O. Reg. 366/18, s. 15.

(2) If the municipality complies with subsection (1), all sidewalks within the municipality are deemed to be in a state of repair with respect to any ice which forms or is present until 48 hours after the declaration of the end of the significant weather event by the municipality. O. Reg. 366/18, s. 15.

(3) Following the end of the weather hazard in respect of which a significant weather event was declared by a municipality under subsection (1), the municipality shall,

- (a) declare the end of the significant weather event when the municipality determines it is appropriate to do so; and
- (b) address the prevention of ice formation on sidewalks or treat icy sidewalks in accordance with section 16.5. O. Reg. 366/18, s. 15.

#### **Winter sidewalk patrol**

**16.7** (1) If it is determined by the municipality that the weather monitoring referred to in section 3.1 indicates that there is a substantial probability of snow accumulation on sidewalks in excess of 8 cm, ice formation on sidewalks or icy sidewalks, the standard for patrolling sidewalks is to patrol sidewalks that the municipality selects as representative of its sidewalks at intervals deemed necessary by the municipality. O. Reg. 366/18, s. 15.

(2) Patrolling a sidewalk consists of visually observing the sidewalk, either by driving by the sidewalk on the adjacent roadway or by driving or walking on the sidewalk or by electronically monitoring the sidewalk, and may be performed by persons responsible for patrolling roadways or sidewalks or by persons responsible for or performing roadway or sidewalk maintenance activities. O. Reg. 366/18, s. 15.

#### **Closure of a highway**

**16.8** (1) When a municipality closes a highway or part of a highway pursuant to its powers under the Act, the highway is deemed to be in a state of repair in respect of all conditions described in this Regulation from the time of the closure until the highway is re-opened by the municipality. O. Reg. 366/18, s. 15.

- (2) For the purposes of subsection (1), a highway or part of a highway is closed on the earlier of,
  - (a) when a municipality passes a by-law to close the highway or part of the highway; and

- (b) when a municipality has taken such steps as it determines necessary to temporarily close the highway or part of a highway. O. Reg. 366/18, s. 15.

#### **Declaration of significant weather event**

**16.9.** A municipality declaring the beginning of a significant weather event or declaring the end of a significant weather event under this Regulation shall do so in one or more of the following ways:

1. By posting a notice on the municipality's website.
2. By making an announcement on a social media platform, such as Facebook or Twitter.
3. By sending a press release or similar communication to internet, newspaper, radio or television media.
4. By notification through the municipality's police service.
5. By any other notification method required in a by-law of the municipality. O. Reg. 366/18, s. 15.

#### **REVIEW OF REGULATION**

##### **Review**

**17.** (1) The Minister of Transportation shall conduct a review of this Regulation and Ontario Regulation 612/06 (Minimum Maintenance Standards for Highways in the City of Toronto) made under the *City of Toronto Act, 2006* every five years. O. Reg. 613/06, s. 2.

(2) Despite subsection (1), the first review after the completion of the review started before the end of 2007 shall be started five years after the day Ontario Regulation 23/10 is filed. O. Reg. 23/10, s. 11.

**18.** OMITTED (PROVIDES FOR COMING INTO FORCE OF PROVISIONS OF THIS REGULATION). O. Reg. 239/02, s. 18.

[Back to top](#)

## 16.2 USEFUL SERVICE LIFE

| Asset Category                                      | Useful Service Life |
|-----------------------------------------------------|---------------------|
| <b>Other Infrastructure</b>                         |                     |
| Playground Equipment                                | 20                  |
| Artificial Turf Field                               | 20                  |
| Baseball Diamonds                                   | 20                  |
| Washrooms, Pavilions, Concessions & Picnic Shelters | 30                  |
| Docks                                               | 25                  |
| Building Envelop                                    | 40                  |
| <b>Building Components and Improvements</b>         |                     |
| Electrical, Plumbing, etc.                          | 20                  |
| HVAC Systems                                        | 10                  |
| Roofs (Metal)                                       | 30                  |
| Roofs (Shingled / Gravel & Tar)                     | 20                  |
| Site works – Asphalt parking lots                   | 20                  |
| Elevators                                           | 25                  |
| <b>Machinery &amp; Equipment</b>                    |                     |
| General Equipment                                   | 15                  |
| Heavy Construction Equipment                        | 15                  |
| <b>Vehicles</b>                                     |                     |
| Cars and Light Trucks                               | 5                   |
| Fire Trucks                                         | 20                  |
| Heavy Trucks                                        | 10                  |
| <b>IT Infrastructure</b>                            |                     |
| Hardware                                            | 3                   |
| Software                                            | 3                   |

|                                         |    |
|-----------------------------------------|----|
| Telephone System                        | 5  |
| Furniture                               | 5  |
| <b>Road Infrastructure</b>              |    |
| Road Surface - Gravel                   | 5  |
| Road Surface – Surface Treatment        | 8  |
| Road Surface – Paved                    | 20 |
| Road Base                               | 30 |
| Signage                                 | 25 |
| <b>Water &amp; Sewer Infrastructure</b> |    |
| Water                                   | 40 |
| Sewer                                   | 40 |
| Drainage                                | 50 |
|                                         |    |
| Landfill Site Cell Area                 | 40 |

## 16.3 CURRENT LEVEL OF SERVICE

As per Ontario Regulation 588/17 qualitative descriptions and the technical metrics set out for all core municipal infrastructure. All data is from current year (2018).

**TABLE 1**  
**Water Assets**

| Service attribute | Community levels of service (qualitative descriptions)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Technical levels of service (technical metrics)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scope             | <p><b>1. Description, which may include maps, of the user groups or areas of the municipality that are connected to the municipal water system.</b></p> <p>The Little Current municipal water system extends from 308 Highway 540 to 9130 Highway 6 <b>Appendix 16.3A.</b></p> <p>The Sheguiandah municipal water system extends from 68 Orr Side Rd to 160 Townline Rd. to 10993 Highway 540 (including Sheguiandah Hamlet) <b>Appendix 16.3B.</b></p> <p><b>2. Description, which may include maps, of the user groups or areas of the municipality that have fire flow.</b></p> <p>Little Current has access to approximately 110 fire hydrants between 308 Highway 540 to 9131 Highway 6 <b>Appendix 16.3C.</b></p> <p>Sheguiandah has access to approximately 22 fire hydrants between 10700 Highway 6 to 126 Townline Rd. 11001 Highway 6 (including Sheguiandah Hamlet) <b>Appendix 16.3D.</b></p> | <p><b>1. Percentage of properties connected to the municipal water system.</b></p> <p>22.43 % of total properties are connected to the municipal water system.</p> <p>Little Current 20.22 %<br/>Sheguiandah 2.21 %</p> <p><b>2. Percentage of properties where fire flow is available.</b></p> <p>Approximately 22.43 % properties have fire flow available (fire hydrant access).</p> <p>Sheguiandah approximately 22 fire hydrants<br/>Little Current approximately 110 fire hydrants</p> |
| Reliability       | <p><b>Description of boil water advisories and service interruptions.</b></p> <p>An example of the boil water advisory can be found in <b>Appendix 16.3E.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>1. The number of connection-days per year where a boil water advisory notice is in place compared to the total number of properties connected to the municipal water system.</b></p> <p>0 (zero) days for 787 total properties connected to the municipal water system.</p> <p><b>2. The number of connection-days per year due to water main breaks compared to the total number of</b></p>                                                                                           |

| Service attribute | Community levels of service (qualitative descriptions) | Technical levels of service (technical metrics)                                                                                                   |
|-------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                                        | <p>properties connected to the municipal water system.</p> <p>0 (zero) days for 787 total properties connected to the municipal water system.</p> |

**Table 2**  
**Waste Water Assets**

| Column 1<br>Service attribute | Column 2<br>Community levels of service (qualitative descriptions)                                                                                                                                                                                                                                              | Column 3<br>Technical levels of service (technical metrics)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scope                         | <p>Description, which may include maps, of the user groups or areas of the municipality that are connected to the municipal wastewater system.</p> <p>The Little Current municipal wastewater system extends from Highway 540 &amp; Howland Road to Highway 6 &amp; Harbourview Road <b>Appendix 16.3F.</b></p> | <p>Percentage of properties connected to the municipal wastewater system.</p> <p>19.79 % of total properties are connected to the municipal wastewater system.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reliability                   | <p>1. Description of how combined sewers in the municipal wastewater system are designed with overflow structures in place which allow overflow during storm events to prevent backups into homes.</p> <p>Controlled releases take place in order to prevent backup.</p>                                        | <p>1. The number of events per year where combined sewer flow in the municipal wastewater system exceeds system capacity compared to the total number of properties connected to the municipal wastewater system.</p> <p>Operating within regulated capacity limits, compared to approximately 685 properties are connected to the municipal wastewater system.</p> <p>2. The number of connection-days per year due to wastewater backups compared to the total number of properties connected to the municipal wastewater system.</p> <p>1 incident in 2018 compared to approximately 685 properties are connected to the municipal wastewater system.</p> <p>3. The number of effluent violations per year due to wastewater discharge</p> |

| Column 1<br>Service attribute | Column 2<br>Community levels of service (qualitative descriptions) | Column 3<br>Technical levels of service (technical metrics)                                                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               |                                                                    | <p>compared to the total number of properties connected to the municipal wastewater system.</p> <p>1 incident in 2018 compared to approximately 685 properties are connected to the municipal wastewater system.</p> |

**Table 3**  
**Storm Water Management Assets**

| Column 1<br>Service attribute | Column 2<br>Community levels of service (qualitative descriptions)                                                                                                                                                                                                                                                                                                                                 | Column 3<br>Technical levels of service (technical metrics)                                                                                                                                                                             |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scope                         | <p>Description, which may include maps, of the user groups or areas of the municipality that are protected from flooding, including the extent of the protection provided by the municipal stormwater management system.</p> <p>The municipality has storm drains along the roadways. Drainage from the west end of Little Current flows towards the downtown core and into the North Channel.</p> | <p>1. Percentage of properties in municipality resilient to a 100-year storm.</p> <p>Approximately 99%</p> <p>2. Percentage of the municipal stormwater management system resilient to a 5-year storm.</p> <p>Approximately 95%-99%</p> |

**TABLE 4**  
**Roads**

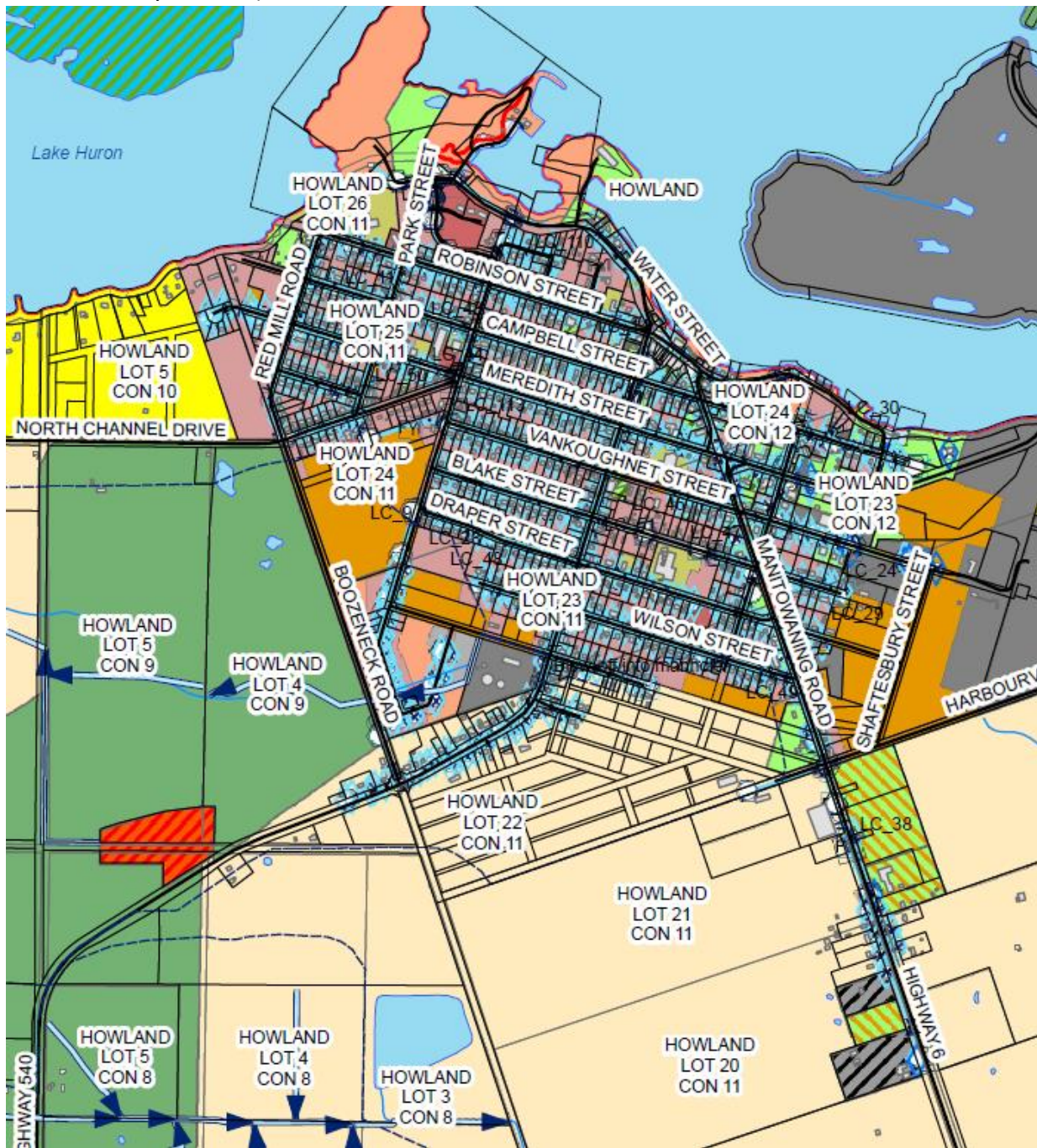
| <b>Column 1<br/>Service<br/>attribute</b> | <b>Column 2<br/>Community levels of service (qualitative<br/>descriptions)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Column 3<br/>Technical levels of service (technical<br/>metrics)</b>                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Scope</b>                              | <p><b>Description, which may include maps, of the road network in the municipality and its level of connectivity.</b></p> <p>The Little Current downtown core is connected to both highway 540 &amp; highway 6 by Worthington Street and Manitowaning Road respectively. In the rural, Townline Road, Bidwell Road and Indian Mountain Road connect highway 540 to highway 6. These two highways connect Little Current and the Town of NEMI to the remainder of Manitoulin Island.</p>                                                                                                                    | <p><b>Number of lane-kilometres of each of arterial roads, collector roads and local roads as a proportion of square kilometres of land area of the municipality.</b></p> <p>149.80 km</p>                                                                                                                                                                                                                           |
| <b>Quality</b>                            | <p><b>Description or images that illustrate the different levels of road class pavement condition.</b></p> <p>Excellent - No potholes. No crack filling required. Complies with engineering standards.</p> <p>Good - Some potholes. Minimal crack filing required. Complies with engineering standards.</p> <p>Fair - Evidence of deterioration. Has numerous potholes and regular crack filling requirements. Complies with engineering standards.</p> <p>Acceptable - Pavement deteriorating. Extensive potholes and cracks. Joint failures. Needs resurfacing. Complies with engineering standards.</p> | <p><b>1. For paved roads in the municipality, the average pavement condition index value.</b></p> <p>Pavement condition index value is not available – average roads asset category is <i>good</i>.</p> <p><b>2. For unpaved roads in the municipality, the average surface condition (e.g. excellent, good, fair or poor).</b></p> <p>Average surface condition rating for unpaved road surface is <i>good</i>.</p> |

**TABLE 5**  
**Bridges and Culverts**

| <b>Column 1</b><br><b>Service</b><br><b>attribute</b> | <b>Column 2</b><br><b>Community levels of service (qualitative</b><br><b>descriptions)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Column 3</b><br><b>Technical levels of service (technical</b><br><b>metrics)</b>                                                                                                                             |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Scope</b>                                          | <p><b>Description of the traffic that is supported by municipal bridges (e.g., heavy transport vehicles, motor vehicles, emergency vehicles, pedestrians, cyclists).</b></p> <p>The municipality has one bridge that supports local traffic, mainly motor vehicles and less than 10% of traffic being trucks. A 7 meters long single span bridge with a road way width of 4.3 meters and a deck-riding surface for approximately 37.8 meters squared (m<sup>2</sup>).</p>                                                                                                                                                                                                                                                                                            | <p><b>Percentage of bridges in the municipality with loading or dimensional restrictions.</b></p> <p>100% - Limit street bridge: Road way width of 4.3 meters</p>                                               |
| <b>Quality</b>                                        | <p><b>1. Description or images of the condition of bridges and how this would affect use of the bridges.</b></p> <p>The current condition of the bridge is good. Complies with engineering standards. No immediate risk to health or safety. Decrease in condition will result in an increase of minor maintenance plus cyclic maintenance.</p> <p><b>2. Description or images of the condition of culverts and how this would affect use of the culverts.</b></p> <p>The current condition of culverts is fair. Regular use of the culverts is acceptable. Minor cyclic maintenance. Complies with engineering standards. No immediate risk to health or safety. Decrease in condition will result in an increase of minor maintenance plus cyclic maintenance.</p> | <p><b>1. For bridges in the municipality, the average bridge condition index value.</b></p> <p>Good condition rating – as per August 23<sup>rd</sup> 2017 engineer inspection report by Tulloch Engineering</p> |

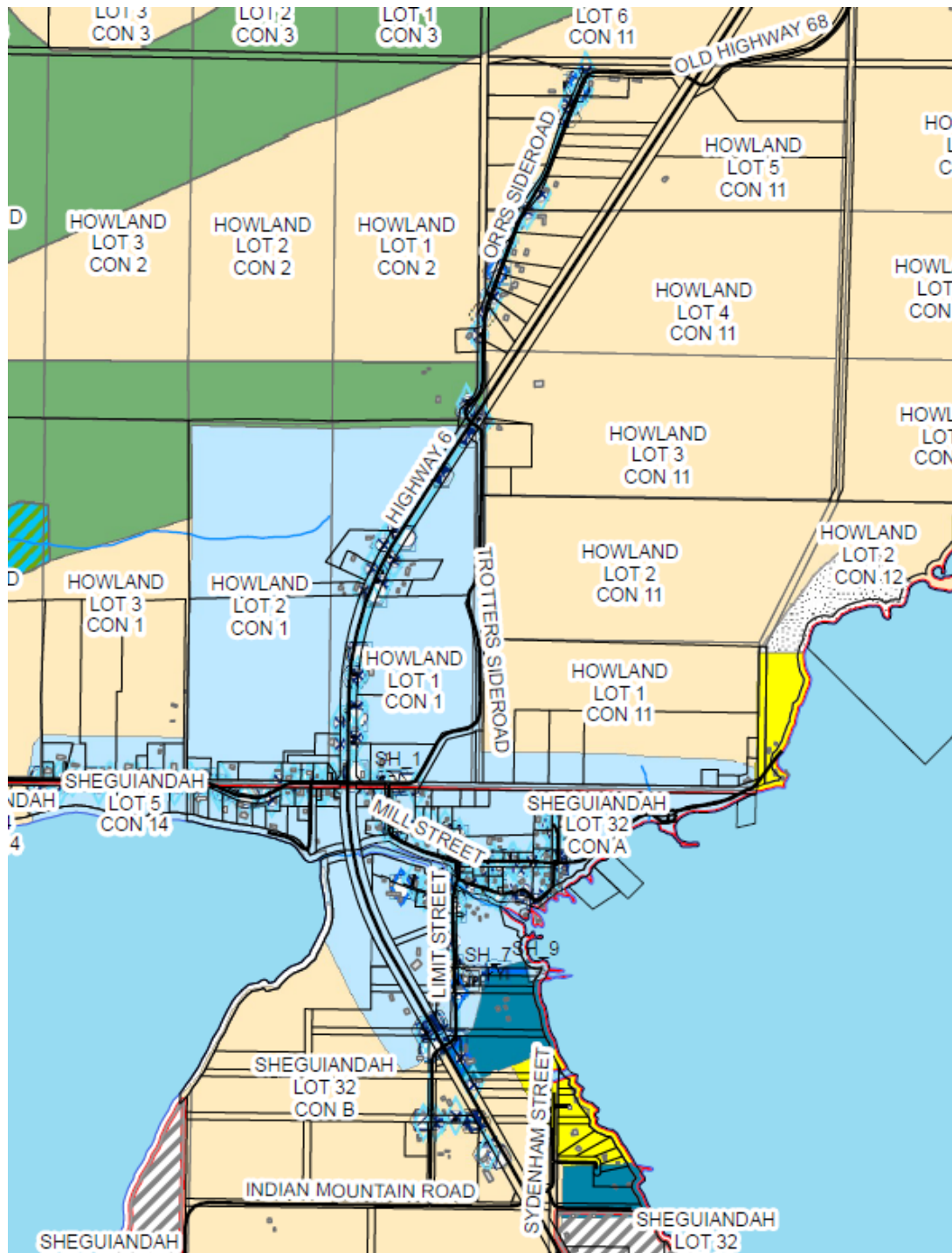
### 16.3A LITTLE CURRENT – MUNICIPAL WATER SYSTEM

Little Current user groups / areas connected to municipal water system (outlined on roadways in blue).



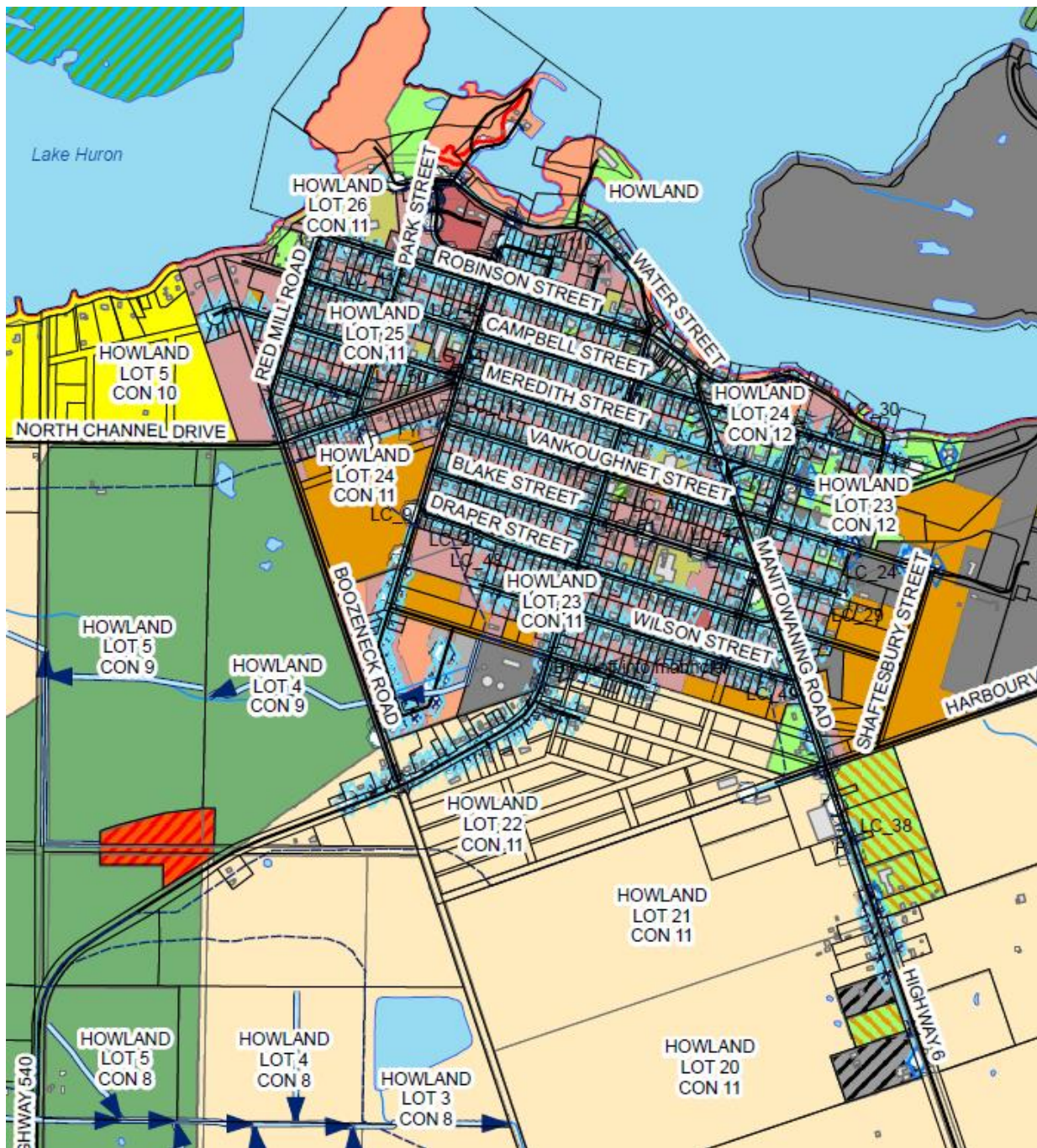
### 16.3B LITTLE CURRENT – MUNICIPAL WATER SYSTEM

Sheguiandah user groups / areas connected to municipal water system (outlined on roadways in blue).



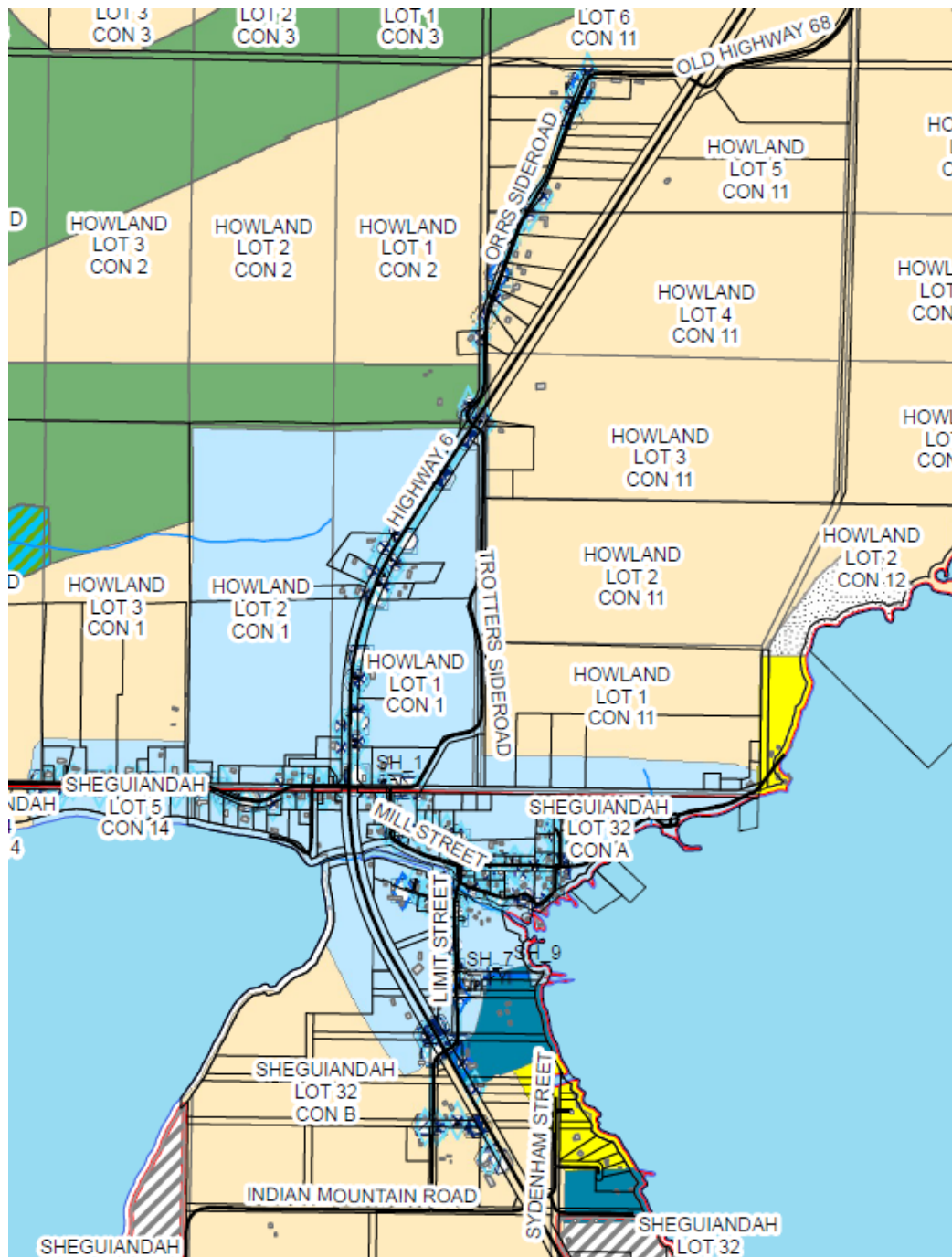
### 16.3 C LITTLE CURRENT – FIRE FLOW

Little Current user groups / areas that have access to fire flow (fire hydrants) (outlined on roadways in blue).



### 16.3 D SHEGUIANDAH – FIRE FLOW

Sheguiandah user groups / areas that have access to fire flow (fire hydrants) (outlined on roadways in blue).



## 16.3E BOIL WATER ADVISORY NOTICE



Box 608, Little Current, Ontario, P0P 1K0  
705-368-3500

Notice

### BOIL WATER ADVISORY

The municipal water system serving the properties located in \_\_\_\_\_, has had a adverse water sample and as a result, we are issuing a Boil Water Advisory effective \_\_\_\_\_ Because of an interruption in service there is a risk that contaminants may enter the distribution system; therefore, a Boil Water Advisory is in effect until further notice. You will be notified when the boil water advisory is lifted.

**If water pressure is lost for any reason**, there is a risk that contaminants may enter the distribution system. Therefore, it is recommended you take two steps:

Minimize the use of water (This will help to prevent loss of pressure)

Assume the water may not be safe to drink, use an alternative supply of drinking water or bring your drinking water to a rapid, rolling boil for one minute before use.

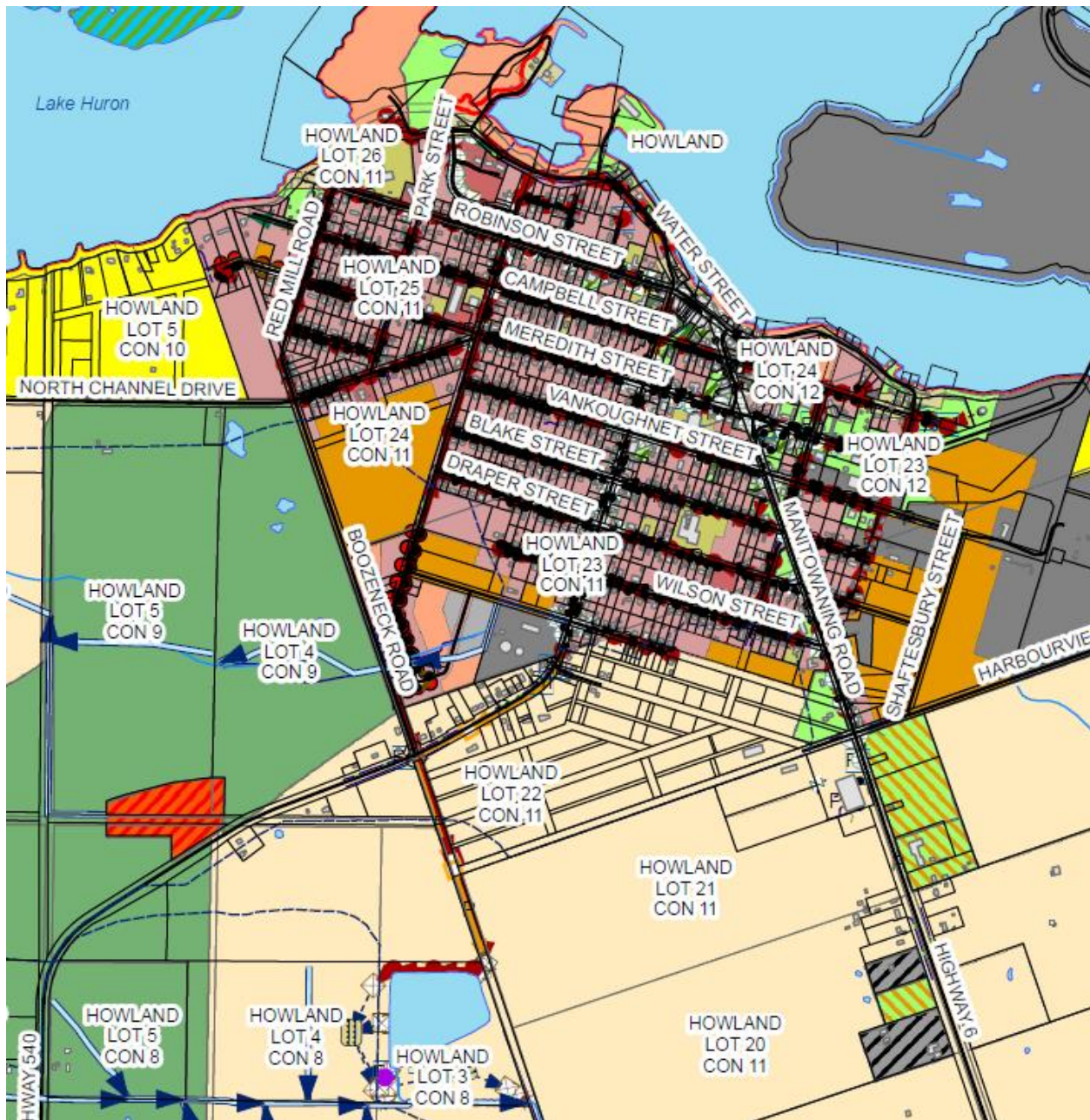
**Following the restoration of water pressure**, municipal employees will be testing the water and restoring full disinfection of the water system; *however*, it is recommended you take the following precautions in your home:

- Run the water until it feels noticeably cool and continue to allow the water to run for another minute. (This will flush the plumbing in your home.)
- Remove, rinse and replace any screen on the tap.
- For 72 hours following the return of power and water pressure, assume the water may not be safe to drink; use an alternative supply of drinking water or bring your drinking water to a rapid, rolling boil for one minute before use. This precaution applies to water for drinking, cooking and oral hygiene.
- Other household uses of water such as cleaning, clothes washing, dishwashing and bathing can commence immediately after the return of water pressure.
- If you have a water softener or other water treatment attached to the cold water supply line, you should consider additional flushing. Ask your supplier for appropriate directions.

For more information contact the municipal office, telephone (705) 368-3500

### 16.3 F LITTLE CURRENT – MUNICIPAL WASTEWATER SYSTEM

Little Current user groups / areas that are connected to municipal waste water system (outlined on roadways in red).



**From:** Zachary Nicholls <[stillzak4amnesty@yahoo.ca](mailto:stillzak4amnesty@yahoo.ca)>  
**Sent:** May 4, 2021 11:46 AM  
**To:** [premier@ontario.ca](mailto:premier@ontario.ca); [doug.downey@pc.ola.org](mailto:doug.downey@pc.ola.org)  
**Cc:** Michael Mantha - CO <[mmantha-co@ndp.on.ca](mailto:mmantha-co@ndp.on.ca)>; Mayor Al MacNevin <[amacnevin@townofnemi.on.ca](mailto:amacnevin@townofnemi.on.ca)>  
**Subject:** Canadian Charter of Rights and Freedoms

Dear Sirs:

The Canadian Charter of Rights and Freedoms guarantees freedom of conscience and religion, as well as freedom of peaceful assembly.

Your government has overreached in its response to Covid.

All charges and fines made against those who exercise their freedoms as mentioned above, and all other freedoms enshrined in the Charter, must be dropped immediately. No further charges must be levelled against the good people of Ontario who are simply exercising their Charter rights.

Sincerely,

Zak Nicholls

Little Current

PS - While you are busy taking my present direction and making plans to do the right thing finally, please feel free to also end this diabolical lockdown which is truly the strangling of Ontario.

---

Total Control Panel

[Login](#)

To: [amacnevin@townofnemi.on.ca](mailto:amacnevin@townofnemi.on.ca)

Message Score: 10

High (60): Pass

From: [stillzak4amnesty@yahoo.ca](mailto:stillzak4amnesty@yahoo.ca)

My Spam Blocking Level: Medium

Medium (75): Pass

Low (90): Pass

[Block](#) this sender

[Block](#) yahoo.ca

*This message was delivered because the content filter score did not exceed your filter level.*