



The Corporation of The Town of Penetanguishene Committee of the Whole Report

COMMITTEE: Transportation & Environmental Services Section

COMMITTEE CHAIR: Councillor George Vadeboncoeur

SUBJECT: Proposed 5 Year Stormwater Maintenance Plan

REPORT: RDS–2025-03

REPORT HIGHLIGHTS

- Outline of proposed 5-year Stormwater Maintenance Plan (2025-2029);
- \$2,935,000 in total over the 5 year plan;
- Increased funding is required throughout the plan in order to increase the level of service provided and to minimize the reliance on high cost capital improvements

RECOMMENDATION

THAT the proposed 5 Year Stormwater Preventative Maintenance Plan be received for information.

BACKGROUND

To maintain the Town stormwater drainage system on an annual basis, certain drainage ditches, storm sewers and stormwater facilities are identified each year to undergo preventative maintenance and improvement.

This includes, but is not limited to, drainage ditch excavation, Stormwater facility excavation, catchbasin cleaning, asphalt drainage swales/gutters, storm sewer/culvert installation and flushing. Each of these measures helps to maintain, improve and extend the life of the stormwater drainage network as well as the road network.

ANALYSIS

A listing of locations and the preventative drainage maintenance and improvements proposed for each, is outlined below. The locations and maintenance treatments proposed for each locations have been determined based on recurring drainage issues that have been identified by Roads Division staff and from drainage issues raised by residents.

Year 2025

Operations Budget

Drainage Ditch Excavation

- Arlynn Crescent
- Oakdale Crescent
- Tay Point Road (1013 to 1057 Tay Point Road) \$15,000



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Drainage Improvements

- Robert St W (Park St to Lafontaine Rd)
- Beck Blvd (50 to 60 Beck Boulevard)
- Burke St (Levi Simon Trail to Chatham St)
- Hill Top Drive (Centennial Drive to Dufferin Street)
- Curry Road (Tay Point Road to Simpresca Road)
- Laurier Road (Centennial Drive to Fuller Avenue) \$95,000

Road Shouldering

Various Locations \$10,000

Catch basin Cleaning and Flushing

\$25,000

Miscellaneous Ditching & Drainage Repairs

Various locations \$10,000

Capital Projects

- Robert St E & Fuller Ave (Ditching, Culvert, Curb and Gutter) \$100,000

2025 Projects (Operating \$155,000 and Capital \$100,000)

\$255,000

YEAR 2026

Operations Budget

Drainage Ditch Excavation

- Edward Street Retention Pond (Soccer Field)
- 29 Anne St (East side to Edward St)
- Fuller Avenue (Broad Street to Cambridge Street West side) \$45,000

Drainage Improvements

- Veil street (Richelieu Street to LeCarron Avenue)
- 76 Oxley (Drainage pipe Byrnes Cres to Oxley)
- Robbs Road (Champlain Rd to Town Limit)
- Cambridge Street (Fuller Ave to Church St)
- Gilwood Park Drive
(Sandy Bay to Forestdale and Sandy Bay to Arlyn)
- Broad Street (Church Street to Fuller Avenue) \$75,000

Shouldering

Various Locations \$15,000

Catch basin Cleaning and Flushing

\$35,000



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Miscellaneous Ditching & Drainage Repairs

- Various Locations \$15,000

Capital Projects

- Peel St (Robert St E to Brock St) – Storm Sewer, Curb and Gutter
- Brunelle Sideroad – Ditch Excavation, Culvert Rehab \$450,000

2026 Projects (Operating \$185,000 and Capital \$450,000) \$635,000

YEAR 2027

Operations Budget

Drainage Ditch Excavation

- Lepage Drive
- Champlain Rd (Lepage Dr to Robbs Rd)
- Fuller Ave Westside (Broad St to Cambridge St) \$55,000

Drainage Improvements

- Clean Outflows on Beck Blvd.
- Clean Outflows on Fox St.
- Shanahan Road (John St to Centre St)
- Church Street (Cambridge to North Limits)
- Tessier Lane \$65,000

Shouldering

Various Locations \$15,000

Catchbasin Cleaning and Flushing \$30,000

Miscellaneous Ditching & Drainage Repairs

Various locations \$20,000

Capital Projects

- Drainage improvements 16 & 18 Bridle Rd \$50,000
- Champlain culvert relining \$100,000
- Reconstruction and Extension of Lucy Street (Storm Sewers, Curb and Gutter) \$450,000

2027 Projects (Operating \$185,000 and Capital \$600,000) \$785,000

Year 2028

Operations Budget

Drainage Ditch Excavation



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- Tinney Rd (Sandy Bay Rd to Alvin Williams Rd)
- Zoscke Rd (Tay Point Rd to Alvin Williams Rd) \$50,000

Drainage Improvements

- Polish Ave
- Beck Blvd
- Centennial Dr (Hilltop Ave to Robillard Dr.)
- Edward St (Anne St to Main St)
- Military Rd (Champlain Rd to 15th Con.)
- Gignac Dr (John St to Bellisle Rd.) \$70,000

Shouldering

Various Locations \$15,000

Catch basin Cleaning and Flushing

\$30,000

Miscellaneous Ditching & Drainage Repairs

Various locations \$20,000

Capital Projects

- Drainage Improvements
 - Beaumaur Dr. (Ditching, Culvert and Easement Restoration)
 - Watson Rd. (Ditching and Culvert Repairs)
 - Gilwood Park Dr. (Ditching and Culvert Repairs) \$500,000

2028 Projects (Operating \$185,000 and Capital \$500,000) \$685,000

Year 2029

Operations Budget

Drainage Ditch Excavation

- Alvin Williams (Tinney Rd to Curry Rd)
- Curry Rd (Alvin Williams Rd to Tay Point Rd)
- Corbeau Cres \$50,000

Drainage Improvements

- Outlets at Rotary Park
- Gendron Drive
- Burke Street (Lorne Ave to Lecarron Ave,)
- Tay Point Road (Curry Road to McArthur Drive) \$70,000

Shouldering

Various Locations \$15,000



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<u>Catch Basin Cleaning and Flushing</u>	\$30,000
<u>Miscellaneous Ditching & Drainage Repairs</u>	
Various Locations	\$20,000
<u>Capital Projects</u>	
• Champlain Culvert Relining	\$40,000
• Drainage Ditch & SWM Maintenance	\$350,000
2029 Projects (Operating \$185,000 and Capital \$390,000)	\$575,000

5 Year Stormwater Maintenance Plan (Operating and Capital) TOTAL \$2,935,000

FINANCIAL IMPLICATIONS

The Five-Year Stormwater Maintenance Plan is budgeted annually within the Town's Operating and Capital Budget.

The operating expenses with the maintenance plan are funded through the storm sewer and ditch maintenance cost centers of the Roads Division Operating budget.

The larger infrastructure replacement and rehabilitation projects are funded through the Public Works 10 year Capital Plan.

BACKGROUND REPORTS

N/A

RISK MANAGEMENT

All contractors retained by the Town will be fully insured, bonded and have WSIB clearance to complete work within public right-of-ways.

STRATEGIC GOALS & OBJECTIVES

Responsible Finance Goal

Penetanguishene's public funds and assets will be responsibly managed.

Strategic Direction 5.1: The Town will continue to practice prudent and forward looking financial management.

Strategic Initiative:

5.1.2 The Town will increase its reserves for the repair, refurbishment, and replacement of existing infrastructure, including roads.

Prepared by: Tyler Haourt, Roads Supervisor
Reviewed by: Bryan Murray, P.Eng, Director of Public Works
Natalie Forget, Deputy Treasurer



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Approved by: Jeff Lees, CPA, CGA, Chief Administrative Officer
Meeting Date: February 12, 2025
Council Meeting Date: March 12, 2025

ATTACHMENTS

N/A

Electronic File Location:

<https://penetanguishene.sharepoint.com/sites/PublicWorks/Documents/Bryan/Projects/Municipal/2025/Projects/5 Year SWM Maintenance Plan/RDS-2025-03 Five Year SWM Plan.docx>