

Administration Office Mailing address Email Phone 1024 Hurlwood Lane, Severn PO Box 159, Orillia, Ontario L3V 6J3 info@severn.ca 705-325-2315

2022 Road Needs Study

Prepared by: Public Works Department

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1.1 Introduction

Severn completed the 2022 Road Needs Study (RNS) update over the course of the summer 2022, for inspection and report preparation and delivery in early 2023. The purpose of this RNS is to obtain data in relation to the conditions of all existing roads (asphalt, surface treated, and gravel) so that an estimate of the existing and future needs of the roads within Severn can be determined.

The completed RNS will be used as a guide when determining the priority of future road improvements and to provide insight for renewal budgets for road improvement projects.

1.1.1 TotalPave Software

Township staff used a new technology "TotalPave" software to acquire International Roughness Index (ride quality ratings) of the roads, and measure the surface conditions as per the methods outlined in ASTM D6433 to determine the severity of defects in the roads. These two criteria combined was used to calculate a Pavement Condition Index (PCI), which is a rating system used to indicate the overall condition of the road.

The software provides a field collection mobile application and pavement condition data storage on a cloud-based server. This software also provided a simple tool to collect standard ride quality data with the existing sensors found on typical Android smartphones. The TotalPave WorkPlan Predictive Analytics Tool was used to assist with the development of the 5-year initial plan; however, staff refined the 10-year plan through in-depth local knowledge of the road network that could not be accurately analyzed using the machine-learning based analytic tools.

1.1.2 Hierarchy of Pavement Management

This RNS is part of a broader hierarchy of Pavement Management as shown in Figure 1 - Pavement Management Hierarchy. The following document types and processes form the broader term "Pavement Management".

Asset Management Plan: Set Level of Service (LOS) policies determine how pavement management should be carried out in order to ensure that pavements



are maintained at a satisfactory level. This involves setting standards for pavement performance and determining acceptable conditions.

Road Needs Study: A network level planning document that sets the 10-year strategy for managing road assets. The study will analyze the current state of the road network, identify areas that need improvement, and identify the most cost-effective ways to address those needs. This includes analyzing traffic and usage patterns, pavement distress type, and other factors. Renewal and preservation programs are generally identified however, each program will be further developed with site specific detail and refined cost estimates during annual program development.

Budget: Individual project scoping is the process of determining the scope of work for a specific project. This involves analyzing the project's goals, objectives, budget, timeline, and other factors to determine the best approach to meeting the project's goals. Each year, a list of projects is presented to Council for consideration of funding.

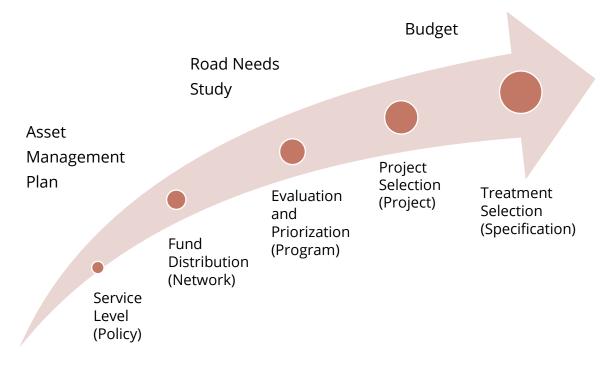


Figure 1 - Pavement Management Hierarchy



1.2 Previous Studies

The following previous studies and documents were reviewed as background information in the preparation of this RNS:

- 2017 Road Needs Study (R.J. Burnside & Associates Limited, October 2017).
- Transportation Master Plan (Ainley Group, January 2014)
- Asset Management Plan (Public Sector Digest, 2021)
- Ministry of Transportation SP-024 Manual for Condition Rating of Flexible Pavements: Distress Manifestations
- ASTM D6433 Standard Practice for. Roads and Parking Lots Pavement Condition Index. Surveys
- Engineering Design Standards (Tatham Engineering, May 2014)
- TotalPave Zendesk Software Support Guide https://totalpave.zendesk.com/

1.2.1 Township of Severn Road Needs Study 2017

The last RNS completed for the Township is the 2017 Road Needs Study (R.J. Burnside & Associates Limited, October 2017). The previous RNS included an inventory condition assessment of all roads under the Township's jurisdiction in 2017. Maintenance, repair, and rehabilitation needs were established, and a management system was recommended for Severn's road network.

Approximately 413.11 kilometres of roads were assessed in the 2017 RNS (73.57% rural, 25.71% semi-urban, and 0.72% urban). The road network consisted of the following surface types at the time: 13.90% gravel surface (GST), 2.13% low class bituminous (LCB), 43.62% intermediate class bituminous (ICB), 40.23% high class bituminous (HCB), 0.12% concrete (CON).

In the previous 2017 Road Needs Study, both the road condition and capacity were evaluated. This included collecting data regarding average annual daily traffic (AADT) and traffic counts at intersections. This RNS will focus on the existing condition of the roads and pavement management of current conditions; capacity requirements will be further considered in the Transportation Master Plan, that is currently being developed by McIntosh Perry (2023).



The 2017 RNS identified approximately 88.71 kilometres of road (21.40% of the road network) that required renewal within the 10-year horizon period, at an estimated cost of \$17,941,165 (2017 \$).

1.2.2 Township of Severn Transportation Master Plan

The Township of Severn Transportation Master Plan (TMP) (Ainley Group, January 2014) provides transportation data, criteria, standards, and guidelines that have been applied in this RNS. The TMP identifies short term, medium term, and long-term improvements to Severn roads.

The TMP identifies the following functional classifications for the roads under the jurisdiction of the Township:

- Arterial Roads serve inter-municipal travel demands, connecting communities to the County or Provincial arterial roads. Arterial roads also provide internal truck routes.
- Collector Roads connect neighbourhoods, distribute traffic to and from arterial roads, and provide access to adjacent land uses.
- Local Roads provide access to abutting land uses, connect individual properties to collectors and arterials, and carry comparatively low volumes of traffic.

The roads within Severn that are not under the municipality's jurisdiction (Provincial Highways, County Roads, Private Roads) were not assessed in this RNS.

The TMP identifies a list of various road standards that will be applied to the roads in the Township to confirm if their existing conditions are adequate. It is noted in the TMP that the Ministry of Transportation Ontario's Geometric Design Standards for Ontario Highways and the Transportation Association of Canada's Geometric Design Guide for Canadian Roads should apply in conjunction with the road standards stated in the TMP. Table 1 - Road Standards, below summarizes the road standards set out in the current TMP.



Rural Road Standards			
Minimum Design Speed	50 km/h		
Minimum Lane Width	3.0 m		
Minimum Gravel Shoulder Width	1.0 m		
Minimum Paved Shoulder Width	0.5 m without bike lane, 1.5 m with bike lane, 2.0 m if trucks exceed 10% of total volume or AADT>6000, or 2.5 m if design speed exceeds 100 km/h		
Minimum Multi-use Path Width	3.0 m		
Minimum Sidewalk Width	1.5 m		
l de la companya de	Urban Road Standards		
Minimum Design Speed	50 km/h		
Minimum Lane Width	3.0 m (preferred 3.5 m or more)		
Minimum Boulevard Width	1.5 m		
Minimum Bike Lane Width	1.5m (2.0 m if trucks exceed 10% of total volume or AADT>6000, 2.5 m if design speed exceeds 100 km/h)		
Minimum Multi-use Path Width	3.0 m		
Minimum Sidewalk Width	1.5 m (2.0 m if placed immediately beside a travel lane, measured from the face of the curb to the far side edge of the sidewalk)		
Aggre	gate Truck Route Standards		
Minimum Design Speed	80 km/h		
Minimum Lane Width	3.5 m		
Minimum Shoulder Width	2.5 m (desirable), 2.0 m (absolute)		

Table 1 - Road Standards



1.2.3 Township of Severn Asset Management Plan

The <u>Asset Management Plan</u> was updated in 2021 to meet the Regulation O. Reg. 588/17. The estimated replacement value of the road network was \$120.5 million (\$134.3 Million inflated to 2022 \$), with an annual average capital reinvestment rate of \$4.09 Million (\$4.56 Million inflated to 2022 \$) to sustain the network. It is estimated that Severn has an annual reinvestment gap of approximately - \$1,760,000 related to its road network infrastructure. The assessment was based on the physical condition of the assets recorded during the 2017 RNS and 2021 structure assessments, as updated by staff over the years.

1.3 Severn Road Network Inventory

Severn's road network was summarized in the inventory table Appendix A for each road section in addition mapping is included as Appendix B, to identify the road sections and road surface types. Table 2 and Table 3 below summarize the existing 2022 road network that is under the Township's jurisdiction.

Table 2 - Existing Surface Types

Surface Type	Centerline Length (km)	Percentage of Network
Gravel	50.08	12%
Low Class Bituminous (LCB)	6.51	2%
Intermediate Class Bituminous (ICB)	142.75	35%
High Class Bituminous (HCB)	203.67	51%
Total	403.01	100%

Table 3 - Existing Roadside Environment

Roadside Environment	Centerline Length (km)	Percentage of Network
Rural	281.17	70%
Semi-Urban	99.77	25%
Urban	22.07	5%
Total	403.01	100%



The inventory and initial condition data was obtained through previous data from the 2017 RNS, and updated through field review completed by Township staff, which provides a current database in the TotalPave software that that was used for analysis in this RNS study.

1.3.1 Boundary Road Agreements

Approximately 18.0 km of boundary roads have been included in the roads inventoried and assessed as part of this RNS. In accordance with existing boundary road agreements that are currently in place, capital improvements (reconstruction and rehabilitation work) on these roads will be shared 50:50 between the abutting municipalities. Various arrangements have been made for the maintenance of these boundary roads within the boundary road agreements, as follows:

City of Orillia Agreement

- Uhthoff Line from Murphy Road to approximately 638 m north –
 boundary road, all season maintenance by Severn Township.
- Huronia Road from Wilson Point Road to approximately 61 m north not a boundary road (it is in Orillia), winter maintenance by Severn Township.
- Wilsons Point Road from Huronia Road to 300 m east not a boundary road (it is in Orillia), winter maintenance is by Severn Township.

Township of Oro-Medonte Agreement

- Town Line from Lot 1 to Lot 9, approximately 5,900 m boundary road, all season maintenance by Severn Township.
- Town Line from Lot 10 to Lot 16, approximately 3,500 m boundary road, winter maintenance by Severn Township and summer maintenance by Oro-Medonte Township.
- Dunns Line in Lot 16, approximately 800 m not a boundary road (it is in Oro-Medonte), all season maintenance by Severn Township.
- Foxmead Road from Anderson Line to Town Line, approximately 2,800m
 not a boundary (it is in Oro-Medonte), winter maintenance by Severn
 Township.



- Anderson Line in Lot 16, approximately 800 m not a boundary road (it is in Oro-Medonte), all season maintenance by Severn Township.
- Steeles Line from County Road 19 to Lower Big Chute Road, approximately 1,680m – not a boundary road (it is in Oro-Medonte), all season maintenance by Oro-Medonte Township.
- Reservoir Road from Highway 400 to end, approximately 1,200 m not a boundary road (it is in Severn), winter maintenance by Oro-Medonte Township.

All road sections, identified above, that are not within Severn Township boundaries have not been inventoried in this RNS.

1.3.2 Traffic Counts and Annual Average Daily Traffic (AADT)

The Average Annual Daily Traffic (AADT) provides one of the factors used in the analysis of the road network, including:

- The establishment of road segment maintenance/rehabilitation/reconstruction requirements and their costs.
- Establishing the relative priority of road segments to recommend for maintenance/rehabilitation/reconstruction.
- The adequacy of the capacity and traffic Level of Service (LOS) of road segments, to maintain acceptable traffic mobility and to be consistent with its operating environment.
- Establishing the design classifications for the roads and their width requirements.
- Establishing the maintenance classifications for roads.

AADT ranges have been calculated or estimated for all road sections in the Township based on traffic count data obtained during Transportation Master Plan update. Township staff have also updated AADT values during 2022 by completing traffic studies in the Township with the BlackCat radar device and traffic tube counters.



The road surface types within Severn are designed to respond to differences in traffic volumes and types; high traffic roads (i.e., roads with high AADTs) and/or roads with high truck volumes typically have an asphalt surface strategy (HCB), whereas roads with lower AADT and/or lower truck volumes typically have a surface treatment strategy (ICB/LCB) or are gravel.

1.3.3 Maintenance Classification

The Province of Ontario requires that minimum maintenance standards be followed for municipal roads. The maintenance classifications have been established for each road section, based on its traffic volumes and speeds, in accordance with Ontario Regulation 239/02 of the Municipal Act, 2001, as shown in Table 4 - Maintenance Class.

The maintenance class reported in the 2017 RNS was based on the regulations at that time, however, substantive changes were made to the regulation as of May 3, 2018, pursuant to Ontario Regulation 366/18. Many of Severn's roadways were Class 4 are now a Class 5, particularly in the range of 1,000 - 1,999 and speed limit of 50 km/h.



Table 4 - Maintenance Class

Annual		Poste	d or Statut	ory Speed	Limit (k	m/h)	
Average Daily Traffic	91-100	81-90	71-80	61-70	51-60	41-50	1-40
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



Maintenance classifications are based on known or estimated traffic volumes and posted traffic speed limit. Maintenance classifications in Severn are generally 2-6 with no roads under the jurisdiction having a posted speed limit above 80km/h and no known or estimated traffic volumes of greater than 15,000 vehicles per day (vpd). Consideration of these operational parameters also supports the identification of the inter-relationship of maintenance activities and rehabilitation activities. The updated maintenance classifications are shown on the Road Inventory Table in Appendix A and graphically on a map in Appendix C.

The length of roads in Severn under each of the maintenance classifications are summarized in Table 5 - Summary of Maintenance Classifications.

1.3.4 Road Surface Condition Assessment

All the roads in Severn have been visually reviewed in the field in the summer of 2022, according to different surface distress types and conditions.

TotalPave software was used in the field to collect and store pavement condition data on a cloud-based server. This software provided a simple tool to collect standard road condition data with existing Android smartphones.

Table 5 - Summary of Maintenance Classifications

Maintenance Classification	Length of Road	Percent of Road Network
1	0.00	0%
2	0.14	0%
3	5.48	1%
4	194.04	48%
5	126.92	31%
6	76.52	19%
Total	403.1	100%



Table 6 - Functional Classification

Functional Classification	Length of Road	Percent of Road Network
Arterial	26.7	7%
Collector	33.9	8%
Local – High	342.5	85%
Total	403.1	100%

The condition ratings of the hard top road network, based on its PCI values, are summarized in Table 7 - Summary of Road Network Weighted PCI Ratings for Hard Top Roads.

Table 7 - Summary of Road Network Weighted PCI Ratings for Hard Top Roads

Functional Class	Weighted PCI Condition	Rating Qualitative Description
Arterial	82	Good
Collector	66	Fair
Local – High	75	Good
Local – Medium	64	Fair
Local – Low	50	Poor
Total Hard Top Network	62	Fair

As shown in the table the condition of the rural roads is currently very good, the local and collector roads have a good condition, the arterial roads have a fair condition, and overall hard top network has a good condition. OGRA had also developed a decision matrix in conjunction with their PCI methodology, as shown in Table.



Table 8 - Decision Matrix Based on OGRA PCI Methodology

Time of Improvement	Arterial	Collector	Local
Adequate	>85	>80	>80
6 to 10 years	76 – 85	71 – 80	66 – 80
1 to 5 years	56 – 75	51 – 70	46 – 65
NOW Rehabilitate	50 – 55	45 – 50	40 – 45
NOW Reconstruct	<50	<45	<40

The improvement algorithms developed in this current RNS have generally been based on the OGRA decision matrix.

1.4 Road Improvement Needs

The TotalPave WorkPlan Predictive Analytics Tools was used to prepare the 5-year initial plan for ten-year improvement plan shown in Appendix F. The software provided a user friendly machine-learning based analytics tools that produced optimized paving and maintenance plans based on the pavement condition data collected over the summer 2022.

The software provides a continuously learning from new data added to the system, making predictive capabilities more powerful over time. The tools not only show a future network condition estimated, it provides treatment level recommendations on how to reach those projections.

TotalPave Workplan was populated with a list of treatments that Severn's commonly utilizes and generally has good access to in region. The treatments noted below were used to model the future performance of the network.

1.4.1 Lifecycle Considerations for Road Improvement

Cost-effective expenditures, to address road condition needs, require that the right maintenance or rehabilitation treatment be applied to the right road at the right time throughout its life cycle. A complete pavement management system will



include Routine Maintenance (M), Preventive Maintenance (PM), Rehabilitation (PR) and Reconstruction (REC).

Routine maintenance and preventive maintenance are typically undertaken when a road pavement is in good to fair condition and aim to delay the need for more extensive rehabilitation or reconstruction. These treatments are a cost-effective method to seal or rejuvenate the surface, thereby extending the service life of structurally sound pavements.

Typically, investing one dollar (\$1) in proactive, preventive maintenance treatments, when the pavements are in good condition, will eliminate or delay spending four to five dollars (\$4 to \$5) in reactive and disruptive rehabilitation or reconstruction repair treatments.

Rehabilitation is applied to pavements that have deteriorated to a point where partial or full depth replacement of the pavement is required, to protect the integrity of the underlying granular base and to delay more extensive reconstruction being required.

If pavements are left to deteriorate, they become weak and lose their structural integrity. As its structural capacity is weakened a pavement will begin to disintegrate, and extensive cracking, rutting, and potholes will develop. At this point, when the pavement is beyond repair, preventive maintenance or rehabilitation treatments will not be able to restore its structural integrity; reconstruction is also required when the pavement needs to be improved, to cater to significant increase in projected traffic volumes or to accommodate road widening.

Figure 2 shows graphically how preventive maintenance serves to modify the degradation curve of pavements, thereby extending their useful life.



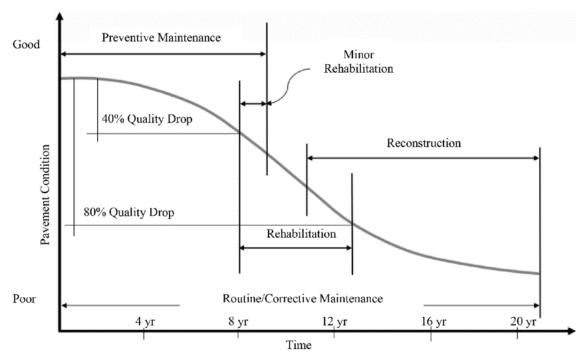


Figure 2 - Impact of Preventive Maintenance (from Timely Preventive Maintenance for Municipal Roads – A Primer, A Best Practice by the National Guide to Sustainable Municipal Infrastructure; September 2002; National Research Council) Graphic adapted from Abdulha

The template matrices for life cycle road improvements (hard top or gravel surface roads) are set out in Appendix E, including a general description of the improvement activity and typical PCI triggers for such improvement needs, as well as condition improvements that are assumed to result from such treatments.

1.4.2 Routine Road Maintenance

Routine road maintenance consists of sweeping, shoulder reclamation and grading, pothole repair, and debris removal.

1.4.3 Preventative Maintenance

Crack Seal

Crack sealing is the placement of special rubberized materials either above or into working cracks using unique configurations to prevent the intrusion of water and other incompressible materials into the pavement cracks. This work helps to delay



the degradation of asphalt pavements. Crack seal density is based on an average linear length of crack sealant applied for every 10 linear meters of road. This density determines the required funding in the RNS.

- Low Density = 10m of centreline crack plus infrequent transverse crack sealed. 12 m of sealant in 10m length of two-lane road.
- Medium Density = 10m of centreline crack plus two events of transverse crack sealed. 17m of sealant in 10m length of two-lane road.
- High Density = 10m of centreline crack plus frequent transverse crack sealed, trying to avoid alligatored pavements. 30m of sealant in 10m length of twolane road.

Non-Routine Patching

Non routine patching means an aggressive hot mix patching program that improves the surface quality of the roadway by removing sections and the replacement of hot mix asphalt surface does not include base repair or granular application. Typical patch size ranges from 6m2 to 75m2.

- Low density patching program would consist of approximately 1- 5 medium to large patching per kilometre
- Medium density patching program would consist of approximately 5 to 10 medium to large patching per kilometre
- High density patching program would consist of approximately 10 or more medium to large patching per kilometre.

Slurry Seal

Slurry Seal is cost effective preventative road maintenance treatments which is applied to pavements that are still in fair to good condition The price for slurry seal was estimated based on contracts awarded in nearby municipality the project scope around 50,000m2 and a bid rate of \$250,000. Micro surfacing is well suited for repairing minor ruts of such nature. The same is not appropriate for slurry seals. 2022 project cost per square meters is estimated to be \$5.50 per square metre and includes tack coat application.



Micro surfacing

Micro Surfacing is similar to slurry seals however consists of a carefully designed mixture of polymer-modified asphalt emulsion, mineral aggregate, water and additives; to provide a thicker more durable coating. The price estimates used in the RNS is developed through an example project in nearby Tiny Township at a total cost of \$181,000 and a project length of 3.2 kilometres long, generating a surface area of 25,000 square meters treated with double application micro surfacing. 2022 project cost per square meters is estimated to be \$7.80 per square metre and includes tack coat application.

Thin Asphalt Overlays

A thin overlay (non-structural) involves placing a thin layer of asphalt mix over an existing pavement. The thickness of the overlay is typically from 12.5-37.5 mm (0.5-1.5 in.). Thin overlays are widely used as a technique for pavement preservation or rehabilitation. The purpose of the overlay is to restore the pavement surface, not to add structural support. This type of treatment is well suited for roads that do not have many structural defects, and have a solid base, but the asphalt surface itself is weathered or worn at the surface. A thin asphalt overlay restores the PCI of the road back to 100 without having to commit to the costs of a major reconstruction, however, is not intended to significantly extend the lifespan beyond the design service limits of the original structure.

1.4.4 Rehabilitation

Partial depth resurfacing

Partial depth resurfacing consists of the partial removal of existing asphalt concrete and overlaying it with hot mix asphalt, typically 50mm depth. This rehabilitation will extend the service life of pavement, by removing some deteriorated or distressed asphalt from the pavement surface and providing a new surface. Partial depth resurfacing has the potential for reflective cracking to occur, where cracking extends below the milling depth. Additionally, it will not address thermal cracking or asphalt deterioration below milling level.



It should be noted that some roads can benefit from a hybrid approach where some of the length if locally reconstructed and the remaining portions partial depth resurfaced. This project was recently used on Muskoka Street in 2021.

Double high float

Severn's tradition double high float surface treatment projects include the application of 150 HL Polymer and 1 part cover chip, 1 part base chip, and 0.2 part tar. The last project Severn completed with double high float was Telford Line between Cambrian Rd and Maple Valley. Prior to the placement of the surface treatment, most roads in this condition ranting will require the existing pavement surface to be pulverized and additional granular base applied.

Full depth resurfacing - Rural Local

Severn's traditional road rehabilitation process includes Full Depth Asphalt Pulverizing, new Granular 'A' Base (100mm depth), 70mm HL-4 Hot Mix Asphalt (Surface Course), Granular 'A' Shouldering, Reinstate Driveways, Pavement Markings and Mailbox Adjustment.

Full depth resurfacing - Rural Collector (RSR-COL)

Severn's traditional road rehabilitation process includes Full Depth Asphalt Pulverizing, new Granular 'A' Base (150mm depth), 70mm HL-4 Hot Mix Asphalt (Surface Course), 40mm HL-3 Hot Mix Asphalt (Surface Course), Granular 'A' Shouldering, Reinstate Driveways, Pavement Markings, and Mailbox Adjustment.

It is noted that Haul Route rehabilitation tends to require additional width and strength in material selection for the hot mix pavement surface. For example, Quarry Road was recently resurfaced in 2021 at a project value of \$960,000 (2022 \$) for the 2,500m of road.

1.4.5 Reconstruction

A typical road reconstruction includes removing the majority of the existing pavement structure including over excavation of un-suitable sub-base, placing a thick layer of granular base, drainage improvements, geometry improvements, the



construction of sub-drains or curb / gutter, and the placement of asphalt base and surface courses.

1.4.6 Benchmark Cost Estimate

Benchmark unit costs were developed based on various road construction items a recent construction projects within Severn as provided by staff and consulting engineers. Each treatment type was calculated for application in a linear benchmark cost using various distress severities to generate a treatment cost.

All prices have been indexed to their appropriate construction price index to the year 2022 and includes the non-recoverable portion of HST.

1.4.7 Summary Of Road Condition Needs

The total needs identified in the plan are \$37,213,000. This is significantly more than the total needs identified in the last Road Needs Study. While accounting for inflation (approximately 17% over the 5 years), Severn has acquired 40% more needs than the previous study which is an indication that reinvestment levels are not sustaining the pavement network. The "Now" category is considered backlogged needs, and this has increased to just over \$14 Million from the \$3.5 Million in 2017.

Improvement	Now	1-5 Years	5-10 Years	> 10 Years
Preventive Maintenance	\$0	\$0	\$4,000	\$1,765,000
Rehabilitation / Resurfacing	\$141,000	\$11,239,000	\$5,830,000	\$447,000
Reconstruction	\$13,932,000	\$3,855,000	\$0	\$0
Total	\$14,074,000	\$15,094,000	\$5,834,000	\$2,212,000



1.5 Level of Service

The Township of Severn strategic plan for 2020 to 2022 includes goal to maintain or enhance Township levels of service to ensure resident expectations are met, ensuring the Township is appropriately resourced to provide the desired service levels. A key component of this goal was to follow the capital plan in place to address backlog of roads maintenance with a goal of demonstrating improvement to roads infrastructure as measured by the Pavement Condition Index.

The average PCI reported in the 2017 Road Needs Study was 85.9 with rural roadway types scoring the highest weighted average of 91.0. The weighted PCI for the network calculated in 2022 was 62.0. Indicating that the forecasted drop in overall network PCI was reached and exceeded due to insufficient funding levels.

Severn does not currently have a level of service target for the technical definition set in the <u>Asset Management Plan</u>. A future goal from the 2021 AMP was to identify Proposed Levels of Service and work towards identifying proposed levels of service as per O. Reg. 588/17 and identify the strategies that are required to close any gaps between current and proposed levels of service.

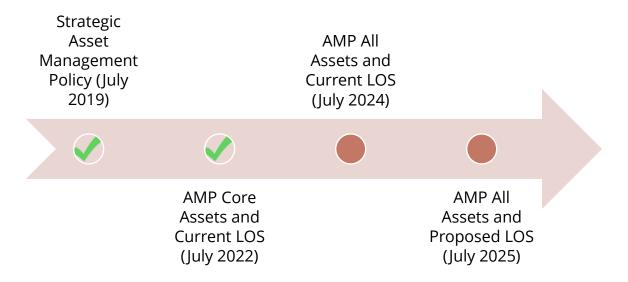


Figure 4 - O. Reg. 588/17 Timeline

A goal of the RNS is to also assist in the setting of proposed Levels of Service.



1.6 Ten Year Road Improvement Plan

1.6.1 Budget

A 10-year road improvement plan has been developed as part of the road need study update. The <u>Asset Management Plan</u> estimates the average annual investment required to sustain the pavement network to be approximately \$4.09 million per year (\$4.56 Million inflated to 2022 \$). The asset management plan notes that a significant backlog of needs exists and will continue to grow under the current funding levels.

From the year 2012 to 2016 the average five-year road capital funding was approximately \$2.5 Million (2022 \$), between the years 2017-2021, this increased to an average five-year road capital funding of approximately \$2.8 Million (2022 \$).

From the 2017 Road Needs Study, the estimated cost to improve roads that fell below 70 PCI was estimated to grow from \$8.65 Million to \$20.35 Million, an increase of \$11.7 Million in ten years.

The RNS recommends a steady increase in road renewal funding that eventually meets the required funding to sustain the existing network. Figure 3 - Road Pavement Reinvestment / Forecast, shows the historical funding levels, both actual and indexed to 2022 \$, and projects the required increase in funding to reach over \$5.0 Million per year by 2033.



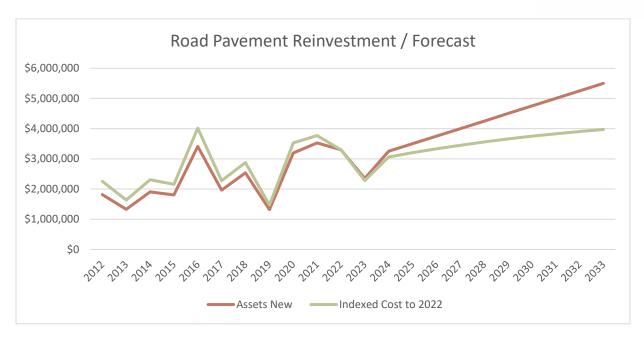


Figure 3 - Road Pavement Reinvestment / Forecast

1.6.2 Pavement Management Plan

A ten-year capital program has been selected from those projects that have conditions that have deteriorated below a minimum condition value (PCI 35), followed by life cycle improvements to the remainder of the hard top road network, based on an assessment of their Priority Guide Number (PGN). The PGN considers the pavement condition, traffic volumes, and improvement costs. While the PCI is a factor in the PGN, this methodology does not result in prioritization of the "worst-first" roads, but rather is based on life-cycle considerations. The effectiveness of proposed improvements was analyzed according to an empirical Priority Guide Number (PGN) formula developed by the MTO, as follows:

$$PGN = [(100 - PCI) / (100 \times [cost per km])] \times AADT \times LCF$$

Where Life-cycle Factor (LCF) = 3650 for an improvement type that has a service life of ten years or 7300 for an improvement type that has a twenty year service life; AADT is the average AADT for the service period.

The ten year LCF is applied to maintenance (M or PM) or resurfacing (PR) projects, the twenty year LCF is applied to reconstruction (REC) projects.



For the purpose of this RNS, it's been assumed that the budget of approximately \$3.5 Million per year will be available for road improvements, escalating to approximately \$4.5 million by the end of the plan. In addition to this capital funding levels, allowances for routine road maintenance / operating budgets should continue to increase from the current \$314,000 per year to \$500,000 by the end of the 10-year plan for routine and preventative maintenance.

The forecasted 10-year capital plan is shown in Appendix F and sets an average annual budget available for the 10-year improvement plan to \$4.2 Million per year. It is noted that the years 2032 and 2033 require additional funding level due to competing growth related projects from the draft Transportation Master Plan (2023) that will challenge these funding levels.

Ten Year Plan	Project Costs
2023	\$ 3,662,880
2024	\$ 4,022,615
2025	\$ 3,807,152
2026	\$ 4,232,783
2027	\$ 4,146,839
2028	\$ 4,246,297
2029	\$ 4,166,474
2030	\$ 4,140,709
2031	\$ 4,162,534
2032	\$ 5,287,572
2033	\$ 5,285,852

Table 9 - Ten Year Plan Costs

For the purpose of the RNS, both budgets and expenditure estimates are shown in 2022 \$ and therefore will need to be adjusted in future years to respond to inflationary increases life cycle improvements are triggered for the various road surface types and roadside environments in accordance with the life cycle model matrices in Appendix E.

1.6.3 Non-Pavement Management Plan

The management of gravel roads is not through major rehabilitation and replacement, but rather through perpetual maintenance, therefore, the RNS does



not focus of these road types over than providing adequate operating funding for the maintenance of gravel roads, including cycles for grading; re-graveling of roadways (approximately 75mm every 3-5 years); dust suppression and stabilization; and ditch maintenance. There is no industry standard for the cost of gravel road maintenance or the frequency at which the maintenance activities should be completed.

Severn has upgraded 94.9 km of gravel roads to a hard top surface since the road study performed in 2000. A default amount of gravel resurfacing costs (i.e. \$1000/km of gravel road) was included in the routine maintenance costs reported in this RNS.

Gravel roads are tolerable for Annual Average Daily Traffic (AADT) volumes of less than 400 vpd. Upgrades to hard top roads may be considered if the roadside environment is semi-urban or if through traffic volume monitoring, the traffic increases to 400+ AADT range, upgrading of gravel roads to surface treatment may be required.

1.7 Summary and Conclusion

The total road needs identified in the RNS are \$37.2 Million. The RNS recommends a steady increase in road renewal funding that eventually meets the required AMP \$4.09 Million (\$4.56 Million inflated to 2022 \$) per year to sustain the existing network.

Current funding between the years 2017-2021, has increased to an average five-year road capital funding of approximately \$2,800,000 (2022\$). The forecasted 10-year capital plan is shown in Appendix F and associated mapping of Appendix G. This plan sets an average annual budget available for the 10-year improvement plan to \$4.2 Million per year. Routine road maintenance / operating budgets should continue to increase from the current \$314,000 per year to \$500,000 by the end of the 10-year plan.



Appendices

Appendix A - Road Inventory Table

Appendix B - Road Inventory Map

Appendix C - Maintenance Classification Map

Appendix D - Road Needs Map

Appendix E - Life Cycle Improvement Matrices

Appendix F - Ten Year Improvement Plan Table

Appendix G - Ten Year Improvement Plan Map

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Road Lengt (m)	Road Surface	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)		abilitation (Proposed)	PGN	Is Boundary Road (?)
4749	Abbey Road	Birkeshire Woods Lane	Jilem Court	Semi-Urban	НСВ	50	6	324	6.7	111	4.2	75	PR - 70mm HMA on 100mm A	\$	72,859	5	N
2488	Agnew Road	Grass Lake Line	Shoreview Drive	Rural	НСВ	60				279	7.9	67	PR - Dbl Surface Treatment	\$	117,682	4	N
2691	Agnew Road	Huffman Road	Grass Lake Line	Rural	HCB	60		502	7.0	279	6.6	68	PR - Dbl Surface Treatment	\$	45,206	4	N
2840	Agnew Road	Agnew Road	Huffman Road	Rural	НСВ	60			7.0	279	6.4	65	PR - Dbl Surface Treatment	\$	49,259	4	N
2945	Agnew Road	South Sparrow Lake Road Highway 11 South Off-Ramp to Agnew	Agnew Road	Rural	HCB	60		583	7.0	279		42	REC - Dbl ST on 150mm A	\$	84,527	8	N
2852B	Agnew Road	Road South	Agnew Road	Semi-Urban	НСВ	50		28	7.0	389	5.9	65	PR - 70mm HMA on 100mm A	\$	6,222	2	N
1382	Albany Street	Edgar Street	Muskoka Street	Semi-Urban	ICB	50		159	5.5	56		61	PR - 70mm HMA on 100mm A	\$	35,715	0	N
1384	Albany Street	Muskoka Street	Hepinstall Landing	Semi-Urban	ICB	50		63	8.0	183	6.4	91	Crackseal	\$	219	17	N
1386	Albany Street	Hepinstall Landing	End	Semi-Urban	GST	50		41	4.0	10			Maintenance Gravel	\$			N
3157	Aldershott Place	Goldstein Road	End	Semi-Urban	ICB	50		156	6.4	89	12.7	11	REC - 90mm HMA on 150mm A	\$	52,951	2	N
3781	Amigo Drive	Menoke Beach Road Highway 11 North Off-Ramp to Anchor	End	Semi-Urban	ICB	50		1167		333		48	REC - 90mm HMA on 150mm A	\$	396,721	4	N
2223	Anchor Drive	Drive North	Shoreview Drive	Rural	НСВ	50	5	166	7.1	209	5.0	91	Crackseal	\$	582	20	N
3197	Anderson Line	Upper Big Chute Road (County Road 17)	Gray Street	Rural	НСВ	50		957	7.0	333	4.0	88	Surface Treatment or Slurry	\$	47,836	3	N
3785	Anderson Line	Southorn Road	Rail Line	Rural	НСВ	60		138	5.3	333	7.0	67	PR - Dbl Surface Treatment	\$	12,392	4	N
19056	Anderson Line	Gray Street	Donlands Court	Rural	HCB	50		91	7.0	333	3.8	82	Surface Treatment or Slurry	\$	4,574	4	N
19057	Anderson Line	Donlands Court	Southorn Road	Rural	НСВ	60				333	2.5	78	PR - Dbl Surface Treatment	\$	111,577	3	N
19057	Anderson Line	Donlands Court	Southorn Road	Rural	НСВ	50		197	7.6	333	2.5	78	PR - Dbl Surface Treatment	\$	17,740	3	N
21138A	Anderson Line	Municipal Boundary	1.6km North of Municipal Boundary	Rural	ICB	60		1136		333		58	PR - Dbl Surface Treatment	\$	102,272	6	N
21138B	Anderson Line	1.6km North of Municipal Boundary	Rail Line	Rural	HCB	60		1189		333	3.2	58	PR - Dbl Surface Treatment	\$	107,038	6	N
4491	Antonio Court	Brodie Drive	End	Semi-Urban	НСВ	40		173	6.4	111	8.7	55	PR - 70mm HMA on 100mm A	\$	38,908	1	N
3946	Ardtrea	Big Chief Road	Weald Way	Semi-Urban	ICB	40		855	6.4	167	6.1	54	PR - 70mm HMA on 100mm A	\$	192,442	1	N
3947	Ardtrea	Thomson Crescent	Big Chief Road	Semi-Urban	ICB	40		148	6.4	222	7.4	45	REC - 90mm HMA on 150mm A	\$	50,337	3	N
3851	Ardtrea Drive	Menoke Beach Road	Eastside Drive	Rural	HCB	60		1351		419	5.0	100	Crackseal	\$	4,730	0	N
3338	Armand Avenue	Buena Vista Drive	Lakeside Drive	Urban	HCB LCB	50 50		252 246	6.7 6.7	167 111	5.2	79	PR - 40mm Mill and Pave	\$	42,905	1	N N
4559 4597	Avery Lane Avery Lane	Hale Street Gillett Drive	Gillett Drive Town Line	Semi-Urban Semi-Urban	LCB	50		337	6.7	111	8.8 7.3	45 52	REC - 90mm HMA on 150mm A PR - 70mm HMA on 100mm A	\$	83,657 75,820	1	N N
3366	Azcona Avenue	Buena Vista Drive	Cumberland Road	Urban	HCB	50		205	6.7	178	6.6	86	Crackseal	¢	73,820	26	N N
3387	Azcona Avenue	Cumberland Road	The Lane	Urban	НСВ	50		105	6.7	67	5.7	80	PR - 40mm Mill and Pave	\$	17,925	0	N
420	Baguley Road	Point Bush Court	Baguley Road (Pvt. Sect.)	Semi-Urban	НСВ	40		245	6.7	83	3.9	100	Crackseal	\$	857	0	N
510	Baguley Road	Point Bush Court	Saint Amant Road	Semi-Urban	НСВ	40		1119		250	6.6	100	Crackseal	Ś	3,915	0	N
3326	Balkwill Line	Mount Stephen Road	Foxmead Road	Rural	НСВ	80				278		70	PR - Dbl Surface Treatment	\$	487,439	3	N
3426	Balkwill Line	Foxmead Road	End	Rural	GST	80		295	5.0	10			Maintenance Gravel	\$, -		N
3455	Bayou Road	Cumberland Road	Bayou Road / New Brailey Line Overpass	Urban	НСВ	50	5	131	7.0	1206	8.6	55	PR - 40mm Mill and Pave	\$	22,308	12	N
3471	Bayou Road	Bayou Road / / New Brailey Line Overpass	Grand Tamarack Crescent	Urban	НСВ	50	5	143	6.7	1146	6.5	48	REC - 90mm HMA on 150mm A	\$	114,369	5	N
3496	Bayou Road	Grand Tamarack Crescent	Bell Avenue	Urban	НСВ	50		105	6.4	1387	10.9	11	REC - 90mm HMA on 150mm A	\$	84,327	11	N
3510	Bayou Road	Bell Avenue	Bayou Road	Semi-Urban	НСВ	50			6.4	1146	2.9	83	Crackseal	Ś	280	203	N
3530	Bayou Road	Bayou Road	Shadow Creek Road	Semi-Urban	НСВ	50			6.7	1116	8.2	62	PR - 70mm HMA on 100mm A	\$	29,792	7	N
	,	North Intersection with Shadow Creek	South Intersection with Shadow Creek	Canal Haban				475	6.7			F0	DD 70 HMA 400 A		·	44	N
3594 3628	Bayou Road	Road Shadow Creek Road	Road Westshare Cressent	Semi-Urban Semi-Urban	HCB HCB	50 50		475 210	6.7 6.7	1628 679	5.8 7.7	58 61	PR - 70mm HMA on 100mm A	\$	106,810	11	N N
3645	Bayou Road Bayou Road	Westshore Crescent	Westshore Crescent End	Semi-Urban Semi-Urban	нсв нсв	50			6.7	444	10.1	53	PR - 70mm HMA on 100mm A PR - 70mm HMA on 100mm A	\$	47,203 14,961	3	N N
		Highway 11 North Off-Ramp to Bayou Road	d											,			
3428B	Bayou Road	North	Cumberland Road	Urban	НСВ	50			7.0	2413			PR - 40mm Mill and Pave	\$	7,092	23	N
3475	Beachview Avenue	Cumberland Road	Lakeside Drive	Urban	HCB	50		372	7.3	416	10.7	36	REC - 90mm HMA on 150mm A	\$	126,405	6	N
3489	Beachview Avenue	Bell Avenue	Lakeside Drive	Urban	HCB	50 60		53 588	6.7 5.5	139	4.1	44	REC - 90mm HMA on 150mm A Maintenance Gravel	\$	18,010	2	N N
1607	Beard Farm Trail	Mount Stephen Road Highway 11 North Off-Ramp to Beckett	End	Rural	GST					10				\$	-		
3306	Beckett Place	Place North	Lakeside Drive	Urban	НСВ	50			5.2	278			PR - 40mm Mill and Pave	\$	33,636	2	N
3536	Beechwood Drive	Gloucester Road	Gloucester Road (Completion of Loop)	Semi-Urban	НСВ	50				222		100		\$	5,831	1	N
3495	Bell Avenue	Bayou Road	Beachview Avenue	Urban	НСВ	50	5	98	7.6	222	8.4	19	REC - 90mm HMA on 150mm A	\$	33,412	4	N
606	Bennett Avenue		South Intersection of Peninsula Point Road		GST	50			5.0	30			NO	\$	-		N
3982	Big Chief Road	Soules Road Highway 11 North Off-Ramp to Big Chief	Thomson Crescent	Semi-Urban	ICB	50	5	772	6.4	419	4.8	58	PR - 70mm HMA on 100mm A	\$	173,689	3	N
4009B	Big Chief Road	Road North	Soules Road	Semi-Urban	НСВ	50	5	704	6.7	419	4.6	71	PR - 70mm HMA on 100mm A	\$	158,394	2	N
4098	Birchcliffe Crescent	North Intersection with Burnside Line	South Intersection with Burnside Line	Semi-Urban	НСВ	50				222	4.1	73	PR - 70mm HMA on 100mm A	\$	290,250	1	N
4722	Birkeshire Woods Lane	Wainman Line	Fern Glen Court	Semi-Urban	НСВ	50		244		422	2.5	83	Crackseal	\$	854	25	N
4748	Birkeshire Woods Lane	Fern Glen Court	Abbey Road	Semi-Urban	НСВ	50	5	206	6.7	333	2.5	83	Crackseal	\$	720	25	N
4765	Birkeshire Woods Lane	Abbey Road	Elana Drive	Semi-Urban	НСВ	50				250		85	Crackseal	\$	696	39	N
21514	Birkeshire Woods Lane	East Intersection with Elana Drive	West Intersection with Elana Drive	Semi-Urban	HCB	50				250		84	Crackseal	\$	769	42	N
21515	Birkeshire Woods Lane	Elana Drive	End	Semi-Urban	НСВ	50				32			Crackseal	\$	607	4	N
965	Black River Road	Riverdale Drive	End	Semi-Urban	ICB	50	6	713	6.4	94	7.0	59	PR - 70mm HMA on 100mm A	\$	160,426	1	N
1458	Bond Road	Bond Road On-Ramp to Highway 11 North	End	Semi-Urban	НСВ	50	6	78	6.4	140	25.5	44	REC - 90mm HMA on 150mm A	\$	26,396	2	N

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Road Lengt (m)	th Road Surface	e AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)		bilitation Proposed)	PGN	Is Boundary Road (?)
1576	Dond Dood	Highway 11 North Off-Ramp to Bond Road		Comi Huban	LICD	F0	6	250	6.7	140	11.1	F2	PR - 70mm HMA on 100mm A	ć	F9.1F0	1	N
1576 4216	Bond Road Bonnybrook Drive	North Burnside Line	End End	Semi-Urban Semi-Urban	HCB HCB	50 50		258 327		140 83	11.1	52 48	REC - 90mm HMA on 150mm A	\$ \$	58,150 111,296	1	N N
893	Bonsor Road	Canal Road	End	Semi-Urban	LCB	50		79		111	13.3	63	PR - 70mm HMA on 100mm A	\$	17,735	1	N N
1037	Boyd Road	Cambrian Road	Canal Road	Rural	LCB	80				303	12.1	42	REC - Dbl ST on 150mm A	\$	203,670	9	N N
911	Brady Drive	Severn Street	Coopers Falls Road (County Road 52)	Rural	ICB	50		1050		56		66	PR - Dbl Surface Treatment	\$	94,502	1	N
920	Brady Drive	Coopers Falls Road (County Road 52)	Highway 11 North	Rural	НСВ	50				555		70	PR - Dbl Surface Treatment	\$	15,621	7	N
928	Brady Drive	Highway 11 South	Canal Road	Rural	НСВ	50	5	563	7.0	555	6.9	55	PR - Dbl Surface Treatment	\$	50,693	10	N
			Highway 11 North Off-Ramp to Bramshott														
3163	Bramshott Avenue	First Street	Avenue North	Urban	НСВ	50	5	20	7.0	444	15.8	62	PR - 40mm Mill and Pave	\$	3,334	4	N
		Highway 11 North Off-Ramp to Bramshott															
3178	Bramshott Avenue	Avenue North	Second Street	Urban	HCB	50				389		65	PR - 40mm Mill and Pave	\$	15,794	3	N
3196	Bramshott Avenue	Second Street	Third Street	Urban	HCB	50		110		278	5.4	78	PR - 40mm Mill and Pave	\$	18,686	1	N
3214	Bramshott Avenue	Third Street	Lakeside Drive	Urban	HCB	50				194	6.4	41	REC - 90mm HMA on 150mm A	\$	89,255	2	N
2122	Brennan Line	Maple Valley Road	End	Rural	GST ICB	80 80		2347 2812		30	гэ	15	Maintenance Gravel	\$ \$	407.688	•	N N
3556 3556	Brennan Line Brennan Line	Cambrian Road Cambrian Road	Stockdale Road Stockdale Road	Rural Rural	ICB	50				133 133		15 15	REC - Dbl ST on 150mm A REC - Dbl ST on 150mm A	\$	407,688 43,528	6	N N
3067A	Brennan Line	Maple Valley Road	Cambrian Road	Rural	HCB	80		751		102		83	Surface Treatment or Slurry	\$ \$	43,528 37,527	1	N N
3067B	Brennan Line	Maple Valley Road	Cambrian Road	Rural	ICB	80				102	6.5	39	REC - Dbl ST on 150mm A	\$	341,493	3	N N
30076	5. Cilifori Enic	ap.c valley fload	Brennan Line On-Ramp to Highway 11		,65	30	4	2333	, ,,,	102	0.5	33	Doi 31 on 130mm A	Y	3-1,-33	3	14
3721B	Brennan Line	Stockdale Road	South	Rural	ICB	50	6	970	6.7	133	3.7	28	REC - Dbl ST on 150mm A	\$	140,580	5	N
3167	Brick Pond Road	River Street	John Street	Urban	НСВ	50				555	7.7	67	PR - 40mm Mill and Pave	\$	46,335	4	N
3193	Brick Pond Road	John Street	Earls Court	Urban	НСВ	50	5	374	6.7	250	9.9	38	REC - 90mm HMA on 150mm A	\$	127,093	3	N
4500	Brodie Drive	Burnside Line	Antonio Court	Urban	НСВ	60				8374	4.4	67	PR - 40mm Mill and Pave	\$	39,413	59	N
4516	Brodie Drive	Hurlwood Lane	Burnside Line	Urban	НСВ	60	3	111	8.8	8367	3.6	81	Crackseal	\$	387	1658	N
4488A	Brodie Drive	Antonio Court	Carlyon Line	Semi-Urban	НСВ	60	4	1124	7.1	533	4.2	45	REC - 90mm HMA on 150mm A	\$	561,972	4	N
		North Intersection with South Sparrow	South Intersection with South Sparrow														
891	Buck Lake Bend	Lake Road	Lake Road	Rural	GST	50	6	242	3.7	10			Maintenance Gravel	\$	-		N
		Highway 11 North Off-Ramp to Armand															
3304	Buena Vista Drive	Avenue North	Simcoe Avenue	Urban	HCB	50				244		75	PR - 40mm Mill and Pave	\$	12,412	1	N
3320	Buena Vista Drive	Simcoe Avenue	Azcona Avenue	Urban	HCB	50		123		475	4.5	77	PR - 40mm Mill and Pave	\$	20,908	2	N
3339	Buena Vista Drive	Azcona Avenue	Highview Avenue	Urban	НСВ	50				698	5.1	65	PR - 40mm Mill and Pave	\$	17,437	5	N
3119	Burnside Line	Maple Valley Road	Foxmead Road	Rural	ICB	80		322		153	7.6	48	REC - Dbl ST on 150mm A	\$	46,629	4	N
3580	Burnside Line	Foxmead Road	Thorburn Road	Rural	HCB	80				684	2.0	70	PR - Dbl Surface Treatment	\$	258,305	8	N
3927 4052	Burnside Line Burnside Line	Cambrian Road Warminster Road	Warminster Road Birchcliffe Crescent	Rural Rural	HCB HCB	80 80		3192 1511		725 1273	3.1 2.6	58 67	PR - Dbl Surface Treatment PR - Dbl Surface Treatment	\$ \$	287,325 135,985	12 17	N N
4071	Burnside Line	Birchcliffe Crescent (N. Intersection)	Birchcliffe Crescent (S. Intersection)	Rural	НСВ	60		180		1385	2.0	71	PR - Dbl Surface Treatment	\$	16,241	16	N
4217	Burnside Line	Birchcliffe Crescent (N. Intersection)	Bonnybrook Drive	Rural	HCB	60				1492	2.5	63	PR - Dbl Surface Treatment PR - Dbl Surface Treatment	\$ \$	100,381	22	N N
4269	Burnside Line	Bonnybrook Drive	Division Road West	Rural	HCB	60		385		1652	4.2	66	PR - Dbl Surface Treatment	\$	34,628	23	N N
4517	Burnside Line	Division Road East	Hurlwood Lane	Rural	НСВ	60				3596	2.3	70	PR - Dbl Surface Treatment	\$	174,532	44	N N
4517	Darrisiae Eine	Bivision Noda East	Highway 11 South Off-Ramp to Burnside	Narai	TIEB	00	J	1555	0.0	3330	2.5	,,	The boroarrace freatment	· ·	174,332		
4556	Burnside Line	Hurlwood Lane	Line Exit 135 South	Urban	НСВ	60	3	293	10.0	10328	3.4	84	Crackseal	\$	1,026	1723	N
		Highway 11 South Off-Ramp to Burnside	Burnside Line On-Ramp to Highway 11											•	,		
4558	Burnside Line	Line Exit 135 South	South	Urban	НСВ	60	2	21	12.1	19776	2.1	83	Crackseal	\$	73	3506	N
3092A	Burnside Line	Maple Valley Road	0.43km North of Maple Valley Road	Rural	ICB	80	4	304	7.0	102	8.8	50	PR - Dbl Surface Treatment	\$	27,357	2	
3092B	Burnside Line	0.43km North of Maple Valley Road	Jeremy Road	Rural	GST	80	4	2876	6.5	100			Maintenance Gravel	\$	-		N
		Burnside Line On-Ramp to Highway 11															
4584A	Burnside Line	South	Highway 11 South	Urban	HCB	60	2	124	11.6	19539	5.4	76	PR - 40mm Mill and Pave	\$	21,134	101	N
		Highway 11 South Off-Ramp to Burnside															
4555	Burnside Line (Off-Ramp)	Line Exit 135 South	Brodie Drive	Urban	НСВ	60		371		1340		77	PR - 40mm Mill and Pave	\$	63,139	7	N
3327	Bush Street	Sturgeon Bay Road	Mill Street	Urban	HCB	50		167		133		89	Crackseal	\$	585	15	N
1038	Cambrian Road	West Canal Road	Canal Road	Semi-Urban	ICB	80				303	3.4	89	Crackseal	\$	815	35	N
1840	Cambrian Road	Grass Lake Line	Boyd Road	Rural	HCB	80		3045		379		92	Crackseal	\$ ¢	10,657	32	N
2433 2775	Cambrian Road Cambrian Road	South Sparrow Lake Road Nichols Line	Grass Lake Line South Sparrow Lake Road	Rural Rural	HCB HCB	80 80		1411 1409		194 179	3.4	88 87	Surface Treatment or Slurry Surface Treatment or Slurry	\$ \$	70,542 70,469	2	N N
2775	Cambrian Road	New Brailey Line	Nichols Line	Rural	HCB	60		1284		179		80	Surface Treatment or Slurry Surface Treatment or Slurry	\$ \$	64,182	2	N N
3066	Cambrian Road	Brennan Line	New Brailey Line	Rural	НСВ	60				163		82	Surface Treatment or Slurry	\$	72,822	2	N N
3172	Cambrian Road	Telford Line	Brennan Line	Rural	ICB	80		1430		168		77	PR - Dbl Surface Treatment	\$	128,700	2	N N
3290	Cambrian Road	Hampshire Mills Line	Telford Line	Rural	ICB	80				173		86	Surface Treatment or Slurry	\$	68,027	2	N
3466	Cambrian Road	Carlyon Line	Hampshire Mills Line	Rural	ICB	80		1423		179		84	Surface Treatment or Slurry	\$	71,152	2	N
3579	Cambrian Road	Burnside Line	Carlyon Line	Rural	ICB	80		1533		179		84	Surface Treatment or Slurry	\$	76,647	2	N
21288	Cambrian Road	Boyd Road	West Canal Road	Rural	ICB	80		885		303		85	Surface Treatment or Slurry	\$	44,245	3	N
		Highway 11 North Off-Ramp to Campbell															
3841	Campbell Road	Road North	Eastside Drive	Semi-Urban	НСВ	50	5	212	6.7	698	4.1	61	PR - 70mm HMA on 100mm A	\$	47,648	4	N
3902	Campbell Road	Eastside Drive	Soules Road	Semi-Urban	НСВ	50	5	348	6.7	698	5.3	63	PR - 70mm HMA on 100mm A	\$	78,392	4	N
819	Canal Road	Cambrian Road	Canal Road	Semi-Urban	НСВ	50		1718		947	2.3	90	Crackseal	\$	6,012	99	N
822	Canal Road	Old Boyd Road	Brady Drive	Semi-Urban	HCB	50		54		557		78	PR - 70mm HMA on 100mm A	\$	12,136	2	N
861	Canal Road	Cambrian Road	Boyd Road	Semi-Urban	ICB	50	5	205	7.0	460	4.3	94	Crackseal	\$	717	29	N

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Roa Leng (m	th Road Surface	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)		oilitation roposed)	PGN	Is Boundary Road (?)
863	Canal Road	Trent Trail	Old Boyd Road	Semi-Urban	НСВ	50				557	3.6		Crackseal	\$	1,639	76	N
879	Canal Road	Boyd Road	Bonsor Road	Semi-Urban	ICB	50		68		39			Crackseal	\$	239	3	N
881 885	Canal Road Canal Road	Bonsor Road Channel Point Lane	Channel Point Lane Norton Road	Semi-Urban	ICB HCB	50 50		164 18		557 557	4.9 3.7		Crackseal Crackseal	\$	574 63	41 52	N N
894	Canal Road	The Birches	Pinecone Trail	Semi-Urban Semi-Urban	НСВ	50				882	3.2		Crackseal	\$	465	92	N
922	Canal Road	Canal Road	The Birches	Semi-Urban	НСВ	50				882			Crackseal	\$	535	46	N
923	Canal Road	Norton Road	Canal Road	Semi-Urban	HCB	50				557	2.6		Crackseal	Ś	976	41	N
19445	Canal Road	Pinecone Trail	Trent Trail	Semi-Urban	НСВ	50		141		557			Crackseal	\$	493	70	N
836B	Canal Road	Brady Drive	Canal Road On-Ramp to Highway 11 S	Semi-Urban	НСВ	50	5	17	7.0	882	4.5	81	Crackseal	\$	61	175	N
3017	Carlyon Line	Jermey Road	Maple Valley Road	Rural	ICB	80	4	332	7 7.0	51	3.6	50	PR - Dbl Surface Treatment	\$	299,428	1	N
3467	Carlyon Line	Maple Valley Road	Cambrian Road	Rural	ICB	80				82			PR - Dbl Surface Treatment	\$	280,080	1	N
3828	Carlyon Line	Cambrian Road	Stockdale Road	Rural	HCB	70		310		153			PR - Dbl Surface Treatment	\$	279,770	1	N
4191	Carlyon Line	Division Road East	J V Parkway	Semi-Urban	ICB	50				794			REC - 90mm HMA on 150mm A	\$	192,575	9	N
4282	Carlyon Line	J V Parkway	Ryerson Boulevard Clearview Drive	Semi-Urban	ICB ICB	50 50		611 87		799 799			REC - 90mm HMA on 150mm A REC - 90mm HMA on 150mm A	\$	305,666	10	N N
4289 1659A	Carlyon Line Carlyon Line	Ryerson Boulevard Swift Rapids Road	Jermey Road	Semi-Urban Rural	ICB	80		820		799 51		53	PR - Dbl Surface Treatment	\$ \$	43,732 73,776	10 1	N N
1659B	Carlyon Line	Swift Rapids Road	Jermey Road	Rural	GST	80		145		50		33	Maintenance Gravel	\$	-	1	N
4107A	Carlyon Line	Division Road East	0.6km North of Division Road East	Rural	ICB	70		427		383		16	REC - Dbl ST on 150mm A	Ś	61,892	16	N
4107B	Carlyon Line	0.6km North of Division Road East	Stockdale Road	Rural	НСВ	70				383			PR - Dbl Surface Treatment	\$	242,895	4	N
4341A	Carlyon Line	Clearview Drive	Brodie Drive	Semi-Urban	ICB	50		433		799			REC - 90mm HMA on 150mm A	\$	216,355	10	N
4587	Carriage Court	Wainman Line	Surrey Crescent	Semi-Urban	НСВ	50				83			REC - 90mm HMA on 150mm A	\$	129,720	1	N
4664	Carriage Court	Surrey Crescent	Division Road West	Semi-Urban	HCB	50	6	542	7.0	83	6.5	47	REC - 90mm HMA on 150mm A	\$	184,315	1	N
4514	Cedar Rapids Drive	Marchmont Road	End	Semi-Urban	HCB	50	6	61	4.5	28	0.0	95	Crackseal	\$	212	1	N
		Highway 11 South Off-Ramp to Centre															
3859	Centre Avenue	Avenue South	Telford Line	Semi-Urban	НСВ	50		404		819			Crackseal	\$	1,413	94	N
3294	Charles Street	Sturgeon Bay Road	End	Urban	HCB	50		156		72			Crackseal	\$	548	9	N
662A 662B	Church Line North Church Line North	Kitchen Sideroad 0.2km North of Kitchen Sideroad	0.2km North of Kitchen Sideroad End	Rural Rural	ICB HCB	80		142 648		89 89			PR - Dbl Surface Treatment Surface Treatment or Slurry	\$ \$	12,761 32,420	1	N N
4288	Clearview Drive	Carlyon Line	Elm Avenue	Semi-Urban	ICB	50				111			REC - 90mm HMA on 150mm A	\$	48,165	2	N
4200	Clear view Drive	Highway 11 North Off-Ramp to Cleveland	Liiii Avenue	Jenn-Orban	ICD	30	0	142	. 3.3	111	3.9	33	REC - 90HIII TIIVIA OH 130HIII A	Ą	48,103	2	IN
3253	Cleveland Avenue	Avenue North	Lakeside Drive	Urban	НСВ	50	5	170	5.2	278	5.0	62	PR - 40mm Mill and Pave	Ś	28,832	2	N
3312	Coldwater Road	Gray Street	Mill Street	Urban	НСВ	40				3650			PR - 40mm Mill and Pave	\$	27,077	24	N
3319	Coldwater Road	Mill Street	Michael Anne Drive	Urban	НСВ	40	4	31	13.0	3623	3.5	68	PR - 40mm Mill and Pave	\$	5,335	25	N
3331	Coldwater Road	Michael Anne Drive	Robinson Street	Urban	HCB	40	4	54	13.0	3570	4.3	67	PR - 40mm Mill and Pave	\$	9,250	25	N
3378	Coldwater Road	Robinson Street	Community Centre Drive	Urban	HCB	50				3463	4.7	68	PR - 40mm Mill and Pave	\$	16,586	24	N
3378	Coldwater Road	Robinson Street	Community Centre Drive	Urban	HCB	40		94		3463			PR - 40mm Mill and Pave	\$	15,928	24	N
3448	Coldwater Road	Community Centre Drive	Gill Street	Urban	HCB	50				3303	4.4		PR - 40mm Mill and Pave	\$	50,195	26	N
3550A	Coldwater Road	Gill Street	Southorn Road	Urban	HCB	50		553		3197			PR - 40mm Mill and Pave	\$	93,949	21	N
3390 3407	Community Centre Drive	Coldwater Road	Community Centre Drive End	Urban	HCB	50 50		166 86	5.0 5.0	222			PR - 40mm Mill and Pave	\$	28,140	1	N N
4768	Community Centre Drive Confederation Drive	Community Centre Drive Wainman Line	Kensington Place	Urban Semi-Urban	HCB HCB	50				111 444			PR - 40mm Mill and Pave PR - 70mm HMA on 100mm A	\$ \$	14,673 31,525	2	N N
4812	Confederation Drive	Kensington Place	Pine Avenue	Semi-Urban	НСВ	50		266		278			PR - 70mm HMA on 100mm A	\$	59,774	2	N
4857	Confederation Drive	Pine Avenue	Ridley Boulevard	Semi-Urban	НСВ	50				144			PR - 70mm HMA on 100mm A	\$	54,825	1	N
4866	Confederation Drive	Ridley Boulevard	Elana Drive	Semi-Urban	НСВ	50		204		22			PR - 70mm HMA on 100mm A	\$	45,823	0	N
3465	Coronation Avenue	Cumberland Road	Lakeside Drive	Urban	НСВ	50				389	4.7		PR - 40mm Mill and Pave	\$	63,317	4	N
3806	Couchiching Avenue	Menoke Beach Road	Wood Avenue	Urban	НСВ	50	5	62	6.4	233	7.8	84	Crackseal	\$	215	39	N
21260	Couchiching Avenue	West Intersection with Wood Avenue	East Intersection with Wood Avenue	Urban	HCB	50	5	203	6.4	233	5.9	83	Crackseal	\$	711	41	N
2674	Cox Drive	Huffman Road	End	Semi-Urban	ICB	50		385		105			REC - 90mm HMA on 150mm A	\$	130,905	1	N
2785	Cox Drive	Huffman Road	End	Semi-Urban	ICB	50				117			REC - 90mm HMA on 150mm A	\$	142,251	2	N
3241	Craddock Street	Harriet Street	End	Urban	HCB	50				56			PR - 40mm Mill and Pave	\$	17,262	0	N
3257	Crandock Street	Gray Street	Harriet Street	Urban	HCB	50				222		67	PR - 40mm Mill and Pave	\$	22,066	2	N
2344 2882	Crane Avenue Crescent Bay Road	Heron Drive Crescent Bay Road	County Road 16 Picadilly Lane	Semi-Urban Rural	GST ICB	50 50		00		50 789		21	Maintenance Gravel REC - 90mm HMA on 150mm A	\$ \$	- 135,493	13	N N
2998	Crescent Bay Road	Crescent Bay Road	End	Semi-Urban	ICB	50		745		222			REC - 90mm HMA on 150mm A	\$	253,266	4	N
2550	Crescent buy nodu	Highway 11 North Off-Ramp to Crescent	Life	Sellii Orbuii	ICD	30	, <u> </u>	, 43	0.0	222	7.1	1-1	NEC SOMMITMENT ON ESCHAINT	Ψ	255,200	-	N .
2881B	Crescent Bay Road	Bay Road North	Scarlet Drive	Rural	ICB	50	5	146	6.7	1052	7.1	54	PR - Dbl Surface Treatment	\$	13,114	20	N
3353	Cumberland Road	Lakeside Drive	The Lane	Urban	НСВ	50				349		55	PR - 40mm Mill and Pave	\$	7,599	3	N
3354	Cumberland Road	The Lane	Simcoe Avenue	Urban	НСВ	50				349		91	Crackseal	\$	71	33	N
3365	Cumberland Road	Simcoe Avenue	Azcona Avenue	Urban	НСВ	50	5			349	5.1	49	REC - 90mm HMA on 150mm A	\$	84,795	2	N
3376	Cumberland Road	Highview Avenue	Azcona Avenue	Urban	HCB	50				349			PR - 40mm Mill and Pave	\$	18,227	3	N
3395	Cumberland Road	Lee Avenue	Highview Avenue	Urban	HCB	40				349		24	REC - 90mm HMA on 150mm A	\$	82,892	2	N
3405	Cumberland Road	Lee Avenue	Coronation Avenue	Urban	HCB	40				733			REC - 90mm HMA on 150mm A	\$	80,658	5	N
3419	Cumberland Road	Coronation Avenue	Beachview Avenue	Urban	HCB	40				1221			REC - 90mm HMA on 150mm A	\$	80,328	10	N
3427	Cumberland Road	Bayou Road	Beachview Avenue Wilson Point Road South	Urban Somi Urban	HCB	40				1332			REC - 90mm HMA on 150mm A	\$	81,512	11	N
4357 3249	Cunningham Crescent Cyril Martin Place	Drinkwater Drive Harriet Street	End	Semi-Urban Urban	HCB HCB	50 50		886 121		333 56		91 72	Crackseal PR - 40mm Mill and Pave	\$	3,100 20,577	31 0	N N
708	Dean Trail	Whippoorwill Lane	End	Semi-Urban	ICB	50				56			REC - 90mm HMA on 150mm A	Ś	46,080	1	N N
	Douit Huii	·····ppoor will caric	Lina	Jenn Orban	ICD	30		130	0.4	30	0.7	40	NEC JOHNI HIVIA ON IJOHNI A	Y	40,000		14

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Road Length (m)	Road Surface Width (m)	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)		ilitation roposed)	PGN	Is Boundary Road (?)
4879B	Digby Drive	West Intersection with Highway 12	East Intersection with Highway 12	Semi-Urban	НСВ	50	6		6.7	67	8.9	60	PR - 70mm HMA on 100mm A	\$	74,098	0	N
4011	Division Road East	Hampshire Mills Line	Soules Road / Telford Line Overpass	Rural	НСВ	60	4		9.0	842	2.0	91	Crackseal	\$	4,725	79	N
4108	Division Road East	Carlyon Line	Hampshire Mills Line	Rural	HCB	60	4	1340	9.0	1119	1.6	92	Crackseal	\$	4,691	93	N
4126	Division Road East	Carlyon Line	Division Road East	Rural Rural	HCB HCB	60 60	4	177 1430	9.0	1465	1.7	92	Crackseal	\$	621	122 74	N N
4268 4364	Division Road East Division Road West	Burnside Line Burnside Line	Carlyon Line Uhthoff Line	Rural	НСВ	80	3		9.0 7.3	1012 2557	1.8	93 92	Crackseal Crackseal	\$ \$	5,004 4,719	213	N N
4480	Division Road West	Uhthoff Line	Fairgrounds Road	Rural	НСВ	60		1332	7.0	2397	1.2	90	Surface Treatment or Slurry	ς ς	66,618	17	N
4604	Division Road West	Fairgrounds Road	Wainman Line	Rural	HCB	60	4	1450	7.0	2136	1.7	91	Crackseal	Ś	5,074	200	N N
4663	Division Road West	Jilem Court	Carriage Court	Semi-Urban	НСВ	40	5	443	7.0	2131	1.7	90	Crackseal	\$	1,550	222	N
4673	Division Road West	Carriage Court	Martindale Crescent	Semi-Urban	НСВ	40	5	63	7.0	2291	1.7	93	Crackseal	\$	220	167	N
4733	Division Road West	Martindale Crescent	Dunford Drive	Semi-Urban	HCB	60	4	420	7.0	2397	2.1	90	Crackseal	\$	1,469	250	N
20758	Division Road West	Wainman Line	Jilem Court	Semi-Urban	HCB	40	5		7.0	2147	1.9	91	Crackseal	\$	867	202	N
4762B	Division Road West	Dunford Drive	Highway 12	Semi-Urban	HCB	60	4	217	7.0	2483	2.6	92	Crackseal	\$	760	207	N
18898	Donlands Court	Anderson Line	End	Urban	НСВ	50	6		8.3	189		79	PR - 40mm Mill and Pave	\$	32,699	1	N
54	Doug Smith Drive	Upper Big Chute Road (County Road 17)	End	Rural	GST	50	6	90	5.8	20			Maintenance Gravel	\$	-		N
4358	Drinkwater Drive	Cunningham Crescent	Wilson Point Road	Rural	HCB	50	6	174	5.1	178	7.6	66	PR - Dbl Surface Treatment	\$	15,634	2	Y
4376	Drinkwater Drive	Cunningham Crescent	End Haveley Bood	Rural	HCB	50	6	69	4.5 7.0	11 89		72	PR - Dbl Surface Treatment REC - 90mm HMA on 150mm A	\$	6,179	0	Y N
4766 4786	Dunford Drive Dunford Drive	Division Road West Hawley Road	Hawley Road End	Semi-Urban Semi-Urban	HCB HCB	50 50	6	160 103	7.0	33	7.8	33 31	REC - 90mm HMA on 150mm A	\$ \$	54,544 35,150	0	N N
3250	Dunns Line	·	Southorn Road	Rural	ICB	80	4		7.0	167	3.4		PR - Dbl Surface Treatment	Ś	202,452	3	N
		Upper Big Chute Road (County Road 17) North Intersection of Dunns Line and	South Intersection of Dunns Line and											·	,	3	
3255	Dunns Line	Southern Road	Southern Road	Rural	HCB	80	4	84	7.0	167	11.7	56	PR - Dbl Surface Treatment	\$	7,591	3	N
3696	Dunns Line	Southorn Road	Municipal Boundary	Rural	ICB	80	4		7.0	167	3.1	56	PR - Dbl Surface Treatment	\$	231,238	3	N
53	Earl Haid Avenue	Upper Big Chute Road (County Road 17)	End	Rural	LCB	50	6	83	6.2	44	0.0	51	PR - Dbl Surface Treatment	\$	7,494	1	N
3192	Earls Court	Wyley Street	End	Urban	HCB	50	6	66	6.7	56	28.0	37	REC - 90mm HMA on 150mm A	\$	22,415	1	N
3852	Eastside Drive	Ardtrea Drive	Campbell Road	Semi-Urban	HCB	40	6	76	7.0	28	11.1	39	REC - 90mm HMA on 150mm A	\$	38,241	0	N
3871	Eastside Drive	Willow Crescent	Ardtrea Drive	Semi-Urban	ICB	40	6	197	6.7	83	10.7	66	PR - 70mm HMA on 100mm A	\$	44,423	0	N
3917	Eastside Drive	Soules Road	Eastside Drive	Semi-Urban	ICB ICB	40 50	6		6.4 5.5	372 56	6.1 9.9	69	PR - 70mm HMA on 100mm A PR - 70mm HMA on 100mm A	\$ \$	82,318 25,874	0	N N
1354	Edgar Street	Albany Street	Muskoka Street Ego Sideroad On-Ramp to Highway 11	Semi-Urban								56					
3507B	Ego Sideroad	Stockdale Road	South	Rural	ICB	60	5		6.7	111		44	REC - Dbl ST on 150mm A	\$	54,660	3	N
20744	Elana Drive	Wainman Line	Confederation Drive	Semi-Urban	HCB	50	5	1069	6.7	250	2.9	84	Crackseal	\$	3,742	42	N
21511	Elana Driva	West Intersection with Birkeshire Woods	East Intersection with Birkeshire Woods	Com: Huban	LICD	50		487	6.7	80	2.9	82	Crackseal		1,703	15	N
21511 21512	Elana Drive Elana Drive	Lane 0.16km North of Confederation Drive	Lane Birkeshire Woods Lane	Semi-Urban Semi-Urban	HCB HCB	50	5	106	6.7	44	5.8	91	Crackseal	\$	372	4	N N
21513	Elana Drive	Birkeshire Woods Lane	End	Semi-Urban	НСВ	50	6	390	6.7	72	2.4	85	Crackseal	\$	1,364	11	N
21860	Elana Drive	Confederation Drive	0.16km North of Confederation Drive	Semi-Urban	НСВ	50	5		6.7	44		83	Crackseal	\$	563	8	N
338	Ellis Road	Village Lane	Irish Line	Semi-Urban	ICB	40	6	1065	6.7	179	8.1	100	ADEQ	\$	3,728	3	N
4292	Elm Avenue	Clearview Drive	End	Semi-Urban	ICB	50	6	159	5.5	44	8.7	41	REC - 90mm HMA on 150mm A	\$	54,102	1	N
3322	Eplett Street	Sturgeon Bay Road	Mill Street	Urban	HCB	50	5	170	6.0	222	6.4	78	PR - 40mm Mill and Pave	\$	28,839	1	N
3374	Eplett Street	Mill Street 0.2km North of South Intersection with	Shaw Street	Urban	НСВ	50	6	217	6.0	139	5.0	86	Crackseal	\$	760	20	N
3186A	F R Nelson Road	County Road 16	North Intersection with County Road 16 0.2km North of South Intersection with	Semi-Urban	НСВ	80	4	89	6.7	111	9.2	22	REC - 90mm HMA on 150mm A	\$	30,291	2	N
3186B	F R Nelson Road	South Intersection with County Road 16	County Road 16	Semi-Urban	GST	80	4	1362	6.0	100			Maintenance Gravel	\$	-		N
3787	Fairgrounds Road	Thorburn Road	End	Rural	GST	80	6	228	5.0	10			Maintenance Gravel	\$	-		N
4061	Fairgrounds Road	Fairgrounds Road	Warminster Road	Rural	ICB	80	4		7.0	204		58	PR - Dbl Surface Treatment	\$	26,513	3	N
4481	Fairgrounds Road	Fairgrounds Road	Division Road West	Rural	НСВ	80		3192	6.7	378		92	Crackseal	\$	11,170	32	N
4661	Fairgrounds Road	Osprey Lane	Fawn Lane	Rural	HCB	60	5	450	7.0	423	4.9	86	Surface Treatment or Slurry	\$	22,481	4	N
19168	Fairgrounds Road	Fawn Lane	Division Road West	Rural	HCB	60	5		7.0	423		88	Surface Treatment or Slurry	\$	38,261	4	N
21705 4059A	Fairgrounds Road	Richmount Lane	Osprey Lane	Rural Rural	HCB ICB	60 80	4	534 598	7.0 6.0	764 167	4.0	90 30	Surface Treatment or Slurry REC - Dbl ST on 150mm A	\$ \$	26,696 86,651	6	N N
4059A 4059B	Fairgrounds Road Fairgrounds Road	Fairgrounds Road 0.9km North of Fairgrounds Road	0.9km North of Fairgrounds Road Thornburn Road	Rural	GST	80		2376	6.7	150	7.6	30	NO	\$	86,651	D	N N
5010A	Fairgrounds Road	Highway 12	Richmount Lane	Rural	HCB	60		639	7.0	764	3.4	88	Surface Treatment or Slurry	\$	31,937	7	N N
5010B	Fairgrounds Road	Highway 12	Richmount Lane	Rural	HCB	50	5		7.0	764	3.4	88	Surface Treatment or Slurry	\$	16,012	7	N N
1974A	Fawcett Road	Shoreview Drive	0.7km North of Shoreview Drive	Rural	ICB	50	6	700	7.0	44	3.7	61	PR - Dbl Surface Treatment	\$	63,000	1	N
19172	Fawn Lane	Fairgrounds Road	Pine Valley Lane	Semi-Urban	НСВ	50	6	145	7.0	122	6.8	71	PR - 70mm HMA on 100mm A	\$	32,656	1	N
19173	Fawn Lane	Pine Valley Lane	Osprey Lane	Semi-Urban	HCB	50	6	436	7.0	56		83	Crackseal	\$	1,525	10	N
4723	Fern Glen Court	Birkeshire Woods Lane	End	Semi-Urban	HCB	50	6	96	6.7	56		80	PR - 70mm HMA on 100mm A	\$	21,522	2	N
2640	Fesserton Sideroad	Viking Marina Road	County Road 16	Semi-Urban	GST	50	6	174	6.7	150			Maintenance Gravel	\$	-		N
21169	Fesserton Sideroad	County Road 16	Georgian Heights Boulevard	Semi-Urban	ICB	60		517	7.6	488			PR - 70mm HMA on 100mm A	\$	116,295	3	N
20573A 3277	Fesserton Sideroad Firehall Lane	Georgian Heights Boulevard Gray Street	Municipal Boundary George Street	Semi-Urban Urban	ICB HCB	80 50	4	132 137	6.7 5.2	488 83		67 88	PR - 70mm HMA on 100mm A Crackseal	\$ \$	29,588 479	3 10	N N
3159	First Street	Bramshott Avenue On-Ramp to Highway 11 North	Turnbull Drive	Urban	НСВ	50	6	157	5.2	56	9.2	68	PR - 40mm Mill and Pave	\$	26,665	0	N

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Road Lengt (m)	. Road Surface	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)		bilitation Proposed)	PGN	Is Boundary Road (?)
4120	Forest Wood Drive	Holcroft Road	End	Semi-Urban	НСВ	50		437	6.4	111			PR - 70mm HMA on 100mm A	\$	98,276	0	N
4239		Holcroft Road	Huronia Road	Semi-Urban	HCB	50		765	6.7	372			PR - 70mm HMA on 100mm A	\$	172,180	3 7	N
3211		Burnside Line Uhthoff Line	Uhthoff Line Balkwill Line	Rural Rural	ICB ICB	80		1327 1448		500 444			REC - 90mm HMA on 150mm A REC - 90mm HMA on 150mm A	\$ \$	451,239 492,376	- /	N N
3325 3526	Foxmead Road	Balkwill Line	Wainman Line	Rural	ICB	60		1247		167	5.1		REC - Dbl ST on 150mm A	\$ \$	180,744	5	N
3526		Balkwill Line	Wainman Line Wainman Line	Rural	ICB	80		214	7.0	167			REC - Dbl ST on 150mm A	¢	31,044	5	N
3660A		Wainman Line	Town Line	Rural	ICB	60		806	7.0	111			REC - Dbl ST on 150mm A	\$	116,825	4	N
3660B		Wainman Line	Town Line	Rural	ICB	50		591	7.0	111			REC - Dbl ST on 150mm A	\$	85,638	4	N
3275	George Street	Firehall Lane	John Street	Urban	НСВ	50		213	5.2	83		88	Crackseal	\$	745	10	N
19176	Georgian Heights Boulevard	Glen Echo Ridge	End (Court)	Semi-Urban	НСВ	50	6	76	7.0	160	8.0	82	Crackseal	\$	265	30	N
19180	Georgian Heights Boulevard	Fesserton Sideroad	Georgian Heights Boulevard	Semi-Urban	НСВ	50	6	1189	7.0	160	3.8	76	PR - 70mm HMA on 100mm A	\$	267,420	1	N
3447		Coldwater Road	Sunset Crescent	Urban	НСВ	50		333	6.0	222			Crackseal	\$	1,165	32	N
4560	Gillett Drive	Marchmont Road	Avery Lane	Semi-Urban	НСВ	50	6	110	6.0	111	15.5	100	REC - 90mm HMA on 150mm A	\$	37,306	2	N
19178	Glen Echo Ridge	County Road 16	Georgian Heights Boulevard	Semi-Urban	HCB	50	6	465	7.0	160	3.8	70	PR - 70mm HMA on 100mm A	\$	104,565	1	N
4872	Glen Oak Lane	Ridley Boulevard	Pine Avenue	Semi-Urban	HCB	50	6	263	6.7	105	8.3	68	PR - 70mm HMA on 100mm A	\$	59,107	1	N
3425	Gloucester Road	Vasey Road (County Road 23)	Beechwood Drive Sparrow Lake Road / Goldstein Road	Semi-Urban	НСВ	50		460	6.7	278	12.0	100	Crackseal	\$	1,611	1	N
3013		Scarlet Drive Sparrow Lake Road / / / Goldstein Road	Overpass	Semi-Urban	НСВ	50	5	111	7.0	2629	2.2	47	REC - 90mm HMA on 150mm A	\$	55,526	20	N
3022		Overpass	Grand Forest Trail	Semi-Urban	HCB	50		40	7.0	2629			PR - 70mm HMA on 100mm A	\$	19,940	20	N
3114		Grand Forest Trail	Turnbull Drive	Semi-Urban	HCB	50			7.0	1052			REC - 90mm HMA on 150mm A	\$	404,501	8	N
3143		Turnbull Drive Highway 11 North Off-Ramp to Goldstein	Aldershott Place	Semi-Urban	ICB	50			6.4	329			REC - 90mm HMA on 150mm A	\$	116,552	5	N
2996B		Road North	Scarlet Drive	Semi-Urban	HCB	50		126	7.0	2629			PR - 70mm HMA on 100mm A	\$	28,314	17	N
3490		Timberline Avenue Highway 11 North Off-Ramp to Grand	Bayou Road	Urban	НСВ	50		142	6.7	1740		100	Crackseal	\$	497	0	N
3501B		Tamarack Cres North	Timberline Avenue	Urban	HCB	50		293	6.7	2677			Crackseal	\$	1,024	0	N
47	Granny Stock Garden	Chapel Hill Lane	End	Rural	НСВ	50		45	6.5	33		94	Crackseal	\$	158	2	N
48		Upper Big Chute Road (County Road 17)	Chapel Hill Lane	Rural	HCB	50		42	6.3	44			Crackseal	\$	148	2	N
1841		Cambrian Road	End	Rural	ICB	80		1996		17		60	PR - Dbl Surface Treatment	\$	179,644	0	N
2489		Cambrian Road	Agnew Road Highway Grass Lake Line On-Ramp to	Rural	ICB	80				56			PR - Dbl Surface Treatment	\$	93,253	1	N
2675A		Agnew Road	Highway 11 South	Rural	HCB	50		283	6.7	444		74	PR - Dbl Surface Treatment	\$	25,431	5	N
3246		John Street	Wyley Street	Urban	НСВ	40		139	6.7	906	3.8	73	PR - 40mm Mill and Pave	\$	23,679	5	N
3256	•	Craddock Street	John Street	Urban	HCB	40		129	6.7 6.7	1225			PR - 40mm Mill and Pave	\$	21,925	7	N
3269 3273	,	Firehall Lane Joseph Street	Craddock Street Firehall Lane	Urban Urban	HCB HCB	50 50		159 45	6.0	1385 1385	6.8	52 70	PR - 40mm Mill and Pave PR - 40mm Mill and Pave	\$ \$	26,970 7,626	14 9	N N
3273	,	River Street	Michael Anne Drive	Urban	НСВ	50		76	9.0	1577		62	PR - 40mm Mill and Pave	\$ \$	13,002	13	N
17878		Wyley Street	Anderson Line	Urban	НСВ	50		200	6.7	639			Crackseal	\$	698	107	N
17878		Wyley Street	Anderson Line	Urban	HCB	40			6.7	639		84	Crackseal	\$	474	107	N N
		Highway 11 North Off-Ramp to Grayshott									2.5						
3175		Drive North	Turnbull Drive	Urban	НСВ	50	5	424	5.2	555	5.1	75	PR - 40mm Mill and Pave	\$	72,084	3	N
3198	Grayshott Drive	Turnbull Drive	Brooks Lane	Urban	НСВ	50			5.2	322	8.8	65	PR - 40mm Mill and Pave	\$	26,510	2	N
3207		Lunge Point Lane	End	Semi-Urban	ICB	50		239	6.4	67	8.5		REC - 90mm HMA on 150mm A	\$	81,396	1	N
3216A		Brooks Lane	0.1km East of Brooks Lane	Semi-Urban	HCB	50			5.2	228			PR - 70mm HMA on 100mm A	\$	15,883	1	N
3216B	,	0.1km East of Brooks Lane	Lunge Point Lane	Semi-Urban	ICB	50		623		228		46	REC - 90mm HMA on 150mm A	\$	211,670	3	N
1272		Coopers Falls Road (County Road 52)	End Avenulane	Semi-Urban	ICB	50		1335		278			REC - 90mm HMA on 150mm A	\$	453,859	3	N
4539 4566		Marchmont Road	Avery Lane Millwood Road	Semi-Urban Semi-Urban	LCB HCB	50 50		109 205	7.0 6.7	111 56		30 76	REC - 90mm HMA on 150mm A PR - 70mm HMA on 100mm A	\$ \$	37,160 46,039	0	N N
1431		Avery Lane Muskoka Street	Hepinstall Landing	Semi-Urban	HCB	50		61	6.7	70			Crackseal	\$	46,039	2	N N
1453		County Road 169	Muskoka Street	Semi-Urban	НСВ	50			7.0	70			PR - 70mm HMA on 100mm A	\$	50,562	0	N
1453		County Road 169	Muskoka Street	Semi-Urban	НСВ	50		123	7.0	70		76	PR - 70mm HMA on 100mm A	\$	27,751	0	N
772		South Sparrow Lake Road	End	Rural	GST	50		345	5.0	10			NO	\$	-		N
3291	Hampshire Mills Line	Maple Valley Road	Cambrian Road	Rural	GST	80	4	3091	5.7	80			NO	\$	-		N
3773	· ·	Cambrian Road	Stockdale Road	Rural	ICB	80		3101		167		21	REC - Dbl ST on 150mm A	\$	449,594	7	N
4044	•	Division Road East	Penley Road	Rural	HCB	50				333		26	REC - Dbl ST on 150mm A	\$	42,309	12	N
4012A	· ·	Division Road East	1km North of Division Road East	Rural	HCB	80		1172		167		46	REC - Dbl ST on 150mm A	\$	169,911	5	N
4012B		1km North of Division Road East	Stockdale Road Hampshire Mills Line On-Ramp to Highway		ICB	80		1701		167		37	REC - Dbl ST on 150mm A	\$	246,578	5	N
4086B	•	Hampshire Mills Line	11 South	Rural	LCB	50		461	7.0	333		24	REC - Dbl ST on 150mm A	\$	66,882	13	N
3248		Cyril Martin Place	Craddock Street	Urban	HCB	50			6.0	67		92	Crackseal	\$	359	6	N
3259		River Street	Cyril Martin Place	Urban	HCB	50			6.0	167			Crackseal	\$	514	17	N
942		Canal Road	End	Semi-Urban	LCB	50			6.0	39		63	PR - 70mm HMA on 100mm A	\$	56,390	0	N
4581		West Intersection with Hurlwood Lane	East Intersection with Hurlwood Lane	Semi-Urban	HCB	50		1351		300			PR - 70mm HMA on 100mm A	\$	303,997	2	N
2884	Hawkins Drive	Brae Mere Common	End	Semi-Urban	HCB	50	6	281	4.0	39	6.5	88	Crackseal	\$	983	5	N

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Road Lengt (m)	th Road Surface	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)	Rehabilitation Cost (Proposed	P(41	Is Boundary Road (?)
2901	Hawkins Drive	South Sparrow Lake Road	Brae Mere Common	Semi-Urban	НСВ	50				67	3.0	91	Crackseal		6 6	N
4785	Hawley Road	Dunford Drive	End	Semi-Urban	HCB	50		126		33	9.6	35	REC - 90mm HMA on 150mm A	\$ 42,8		N
3533	Hedgemere Landing	Bayou Road	End	Semi-Urban	HCB	50		148		28		67	PR - 70mm HMA on 100mm A	\$ 33,2		N
389	Henrys Landing	East Intersection with Irish Line	West Intersection with Irish Line	Rural	GST	50		170		10		00	Maintenance Gravel	\$ -		N
1383	Hepinstall Landing	Hendi Lane	Albany Street	Semi-Urban	HCB	50		233		128	10.2	89	Crackseal	\$ 8		
1427 2315	Hepinstall Landing Heron Drive	Hamilton Street Crane Avenue	Albany Street 0.25 km north of Crane Drive	Semi-Urban Semi-Urban	HCB GST	50 50		144 246		100 50		88	Crackseal NO	\$ = = = = = = = = = = = = = = = = = = =)2 13	N N
2455	Heron Drive	County Road 16	Crane Avenue	Semi-Urban	GST	50		258		100			NO	ς .		N
3377	Highview Avenue	Buena Vista Drive	Cumberland Road	Urban	HCB	40		199		422		59	PR - 40mm Mill and Pave	\$ 33,8	30 4	N
3418	Highview Avenue	Cumberland Road	The Lane	Urban	НСВ	50		190		289	4.2	81	Crackseal		66 57	N
3424	Highview Avenue	The Lane	Lakeside Drive	Urban	НСВ	50	5	63	6.0	289	8.1	64	PR - 40mm Mill and Pave	\$ 10,7	20 2	N
628A	Hodgins Road	Narrows Road	Port Severn Road	Rural	НСВ	80	4	1252	2 7.0	444	4.2	52	PR - Dbl Surface Treatment	\$ 112,6	95 9	N
918A	Hodgins Road	Narrows Road	Quarry Road	Rural	HCB	80				222	4.5	56	PR - Dbl Surface Treatment	\$ 227,7		N
4192	Holcroft Road	Forest Wood Drive	End	Semi-Urban	HCB	50		429		139	6.1	74	PR - 70mm HMA on 100mm A	\$ 96,4		N
2692	Huffman Road	Cox Drive	Agnew Road	Rural	ICB	50				222		33	REC - Dbl ST on 150mm A	\$ 56,9		N
4502	Hume Street	Lewis Lane	Marchmont Road	Semi-Urban	LCB	50		239		28		50	PR - 70mm HMA on 100mm A	\$ 53,7		N
19058	Hume Street	Providence Lane	End	Semi-Urban	LCB	50				28		67	PR - 70mm HMA on 100mm A	\$ 34,8		N
4551	Hurlwood Lane	Burnside Line	Hawk Ridge Crescent	Semi-Urban	HCB	50	5	391	8.6	373	4.4	68	PR - 70mm HMA on 100mm A	\$ 88,0	59 2	N
4580	Hurlwood Lane	East Intersection with Hawk Ridge Crescer	West Intersection with Hawk Ridge	Semi-Urban	НСВ	50	5	276	6.7	208	4.2	61	PR - 70mm HMA on 100mm A	\$ 62,0	50 1	N
20716	Huronia Road	Forest Wood Drive	End	Semi-Urban	НСВ	50				999		89	Crackseal	\$ 62,0		
20/10	Trai oma Roda	Torest Wood Brive	Huronia Road On-Ramp to Highway 11	Jenn-Orban	TICD	30	, ,	803	0.4	333	2.3	03	CrackScar	γ 2,c	113	IV.
4197A	Huronia Road	Forest Wood Drive	North	Semi-Urban	НСВ	50	4	20	7.0			80.8	Crackseal	Ś	71	N
358	Irish Line	South Riverside Drive	Tower Line Road	Semi-Urban	НСВ	40		241		332	4.8	92	Crackseal		14 28	N
373	Irish Line	Henrys Landing	South Riverside Drive	Semi-Urban	НСВ	40	6	272	6.7	361	3.0	95	Crackseal		3 19	
390	Irish Line	East Intersection with Henrys Landing	West Intersection with Henrys Landing	Semi-Urban	НСВ	40	6	116	7.0	361	4.3	93	Crackseal	\$ 4	06 26	N
401	Irish Line	0.91km North of Nature Wilde Road	Log Cabin Lane	Semi-Urban	HCB	40	6	244	7.0	389	2.9	95	Crackseal	\$ 8	3 20	N
474	Irish Line	Nature Wilde Road	0.91km North of Nature Wilde Road	Rural	HCB	80				357	3.8	94	Crackseal	\$ 3,2		
729	Irish Line	Oakley Sideroad	Nature Wilde Road	Rural	НСВ	80	4	3114	4 6.7	541	3.8	94	Crackseal	\$ 10,8	99 34	N
986	Irish Line	Upper Big Chute Road (County Road 17)	Oakley Sideroad	Rural	HCB	60	4	1827	7 6.7	546	4.4	94	Crackseal	\$ 6,3	96 34	N
21611	Irish Line	Log Cabin Lane	Henrys Landing	Semi-Urban	ICB	40	6	39	7.0	389	2.0	95	Crackseal	\$ 1	36 20	N
4615	Jenn Lynn Court	Millwood Road	End	Semi-Urban	HCB	50		68		39	13.9	71	PR - 70mm HMA on 100mm A	\$ 15,3	21 0	N
1658	Jermey Road	Carlyon Line	End	Rural	GST	60		717		10			Maintenance Gravel	\$ -		N
2152	Jermey Road	Burnside Line	Carlyon Line	Rural	GST	60		1472		60			Maintenance Gravel	\$ -		N
20760	Jilem Court	Abbey Road	End	Semi-Urban	HCB	50		98		56			Crackseal	\$ 3		N
20805 3218	Jilem Court	Division Road West Sheppard Street	Abbey Road Brick Pond Road	Semi-Urban	HCB HCB	50 50		392 489		389 278	3.4 9.2	82 52	PR - 40mm Mill and Pave	\$ 1,3 \$ 83,1		N N
3247	John Street John Street	Gray Street	Sheppard Street	Urban Urban	НСВ	50				278	8.2	64	PR - 40mm Mill and Pave	\$ 21,6		N
3258	John Street	George Street	Gray Street	Urban	HCB	50		110		83	9.0	89	Crackseal		35 10	
3295	Joseph Street	Gray Street	End	Urban	HCB	50				56		92	Crackseal		26 5	N
496	Kellys Road	Blake Avenue	Port Severn Road	Semi-Urban	НСВ	50		444		56		43	REC - 90mm HMA on 150mm A	\$ 151,0		N
4850	Kensington Place	Confederation Drive	Pine Avenue	Semi-Urban	НСВ	50	6	370	6.7	167	4.0	65	PR - 70mm HMA on 100mm A	\$ 83,2		N
1609	Kinnear Sideroad	Upper Big Chute Road (County Road 17)	Lawson Line	Rural	ICB	80	4	1414	1 7.0	444	4.5	51	PR - Dbl Surface Treatment	\$ 127,2	18 9	N
2211	Kinnear Sideroad	Lawson Line	Trader Cowan Road	Rural	ICB	80	4	1495	6.7	222	6.6	36	REC - Dbl ST on 150mm A	\$ 216,7	18 7	N
661	Kitchen Sideroad	Church Line North	End	Rural	GST	80				10			Maintenance Gravel	\$ -		N
733	Kitchen Sideroad	Silk Line	Church Line North	Rural	ICB	60	5	1410	6.7	222	6.5	72	PR - Dbl Surface Treatment	\$ 126,9	12 3	N
3230	Knight Avenue	Highway 11 North Off-Ramp to Knight Avenue North	Lakeside Drive	Urban	НСВ	50	5	290	5.2	278	5.3	76	PR - 40mm Mill and Pave	\$ 49,3	14 1	N
2651	Lake Saint George Boulevard		End	Semi-Urban	ICB	50		773		411			REC - 90mm HMA on 150mm A	\$ 262,8		N
3215	Lakeside Drive	Bramshott Avenue	End	Urban	HCB	50				83		88	Crackseal		39 10	
3229	Lakeside Drive	Knight Avenue	Bramshott Avenue	Urban	HCB	50		112		122		87	Crackseal		91 17 99 15	
3243 3252	Lakeside Drive Lakeside Drive	Pleasant Road Cleveland Avenue	Knight Avenue Pleasant Road	Urban Urban	HCB HCB	50 50		114 115		122 122		88 50	Crackseal PR - 40mm Mill and Pave	\$ 3 \$ 19,5		N N
3252 3271	Lakeside Drive	Park Road	Cleveland Avenue	Urban	HCB	50				133	6.5	68	PR - 40mm Mill and Pave PR - 40mm Mill and Pave	\$ 19,5		N N
3305	Lakeside Drive	Beckett Place	Park Road	Urban	НСВ	50				167		50	PR - 40mm Mill and Pave	\$ 26,0		N N
3337	Lakeside Drive	Armand Avenue	Beckett Place	Urban	HCB	50				167	9.9	23	REC - 90mm HMA on 150mm A	\$ 80,2		
3346	Lakeside Drive	Lakeside Drive	Cumberland Road	Urban	НСВ	50				167		57	PR - 40mm Mill and Pave	\$ 5,4		N
3423	Lakeside Drive	Highview Avenue	Cumberland Road	Urban	НСВ	50		356		289		43	REC - 90mm HMA on 150mm A	\$ 121,0		N
3445	Lakeside Drive	Lee Avenue	Highview Avenue	Urban	НСВ	40	6	119	6.0	111	8.3	70	PR - 40mm Mill and Pave	\$ 20,1	54 1	N
3464	Lakeside Drive	Coronation Avenue	Lee Avenue	Urban	HCB	40		111		111		63	PR - 40mm Mill and Pave	\$ 18,8		N
3488	Lakeside Drive	Beachview Avenue	Coronation Avenue	Urban	HCB	40	6	142	6.7	111	8.7	76	PR - 40mm Mill and Pave	\$ 24,2	08 1	N
549	Lauderdale Point Crescent	Peninsula Point Road	End	Semi-Urban	ICB	50	6	172	6.7	44	15.1	55	PR - 70mm HMA on 100mm A	\$ 38,6	01 0	N
550	Lauderdale Point Crescent	Peninsula Point Road	End	Semi-Urban	ICB	50	6	247	6.0	44	9.6	51	PR - 70mm HMA on 100mm A	\$ 55,5	38 0	N

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Road Length (m)	Road Surface Width (m)	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)		bilitation Proposed)	PGN	Is Boundary Road (?)
1199	Laughlin Falls Road	Silk Line	Taylor Line	Rural	ICB	50	6	1383	6.7	144	5.3	64	PR - Dbl Surface Treatment	\$	124,481	2	N
1517	Laughlin Falls Road	Taylor Line	Lovering Line	Rural	GST	80		1863	6.0	200			Maintenance Gravel	\$	-		N
1795	Laughlin Falls Road	Lovering Line	Upper Big Chute Road (County Road 17)	Rural	GST	80			6.7	200			Maintenance Gravel	\$	-		N
1017A	Laughlin Falls Road	Silk Line	0.8km East of Silk Road	Rural	GST	80	6	568	5.5	20			Maintenance Gravel	\$	-		N
2050	Lauran Lina	Unner Die Chute Deed (County Deed 17)	Kinnear Sideroad	Dunal	CCT	80	4	3104	7.2	100			Maintanana Craval	Ś	_		N
2959 3446	Lawson Line Lee Avenue	Upper Big Chute Road (County Road 17) Cumberland Road	Lakeside Drive	Rural Urban	GST HCB	50		3104	7.3 6.4	180 322		58	Maintenance Gravel PR - 40mm Mill and Pave	\$	53,997	3	N N
3557	Leisure Court	Leisure Court	Southorn Road	Semi-Urban	ICB	50		375	6.7	167	5.8	51	PR - 70mm HMA on 100mm A	\$	84,395	1	N
3558	Leisure Court	Southorn Road	Woodland Place	Semi-Urban	ICB	50		237	6.7	128	5.3	50	PR - 70mm HMA on 100mm A	\$	53,365	1	N
17838	Lewis Lane	Hume Street	End	Semi-Urban	LCB	50		108	6.7	44		79	PR - 70mm HMA on 100mm A	\$	24,303	0	N
3416	Linger Long Place	New Brailey Line	End	Rural	НСВ	50	6	130	7.0	22	16.8	20	REC - Dbl ST on 150mm A	\$	18,791	1	N
4565	Lloyd Circle	Hale Street	End	Semi-Urban	HCB	50		160	6.7	56		78	PR - 70mm HMA on 100mm A	\$	36,050	0	N
4953	Loretta Avenue	Wainman Line	End	Semi-Urban	HCB	50	6	650	6.7	139	8.6	76	PR - 70mm HMA on 100mm A	\$	146,326	1	N
							_										
1518	Lovering Line	Laughlin Falls Road	Upper Big Chute Road (County Road 17)	Rural	GST	80			6.0	50			Maintenance Gravel	\$	-	•	N
3208	Lynch Street	Rose Street	End Base Street	Urban	HCB	50		126 93	6.0	44		71	PR - 40mm Mill and Pave	\$ \$	21,495	0 5	N N
3220 2121	Lynch Street Maple Valley Road	River Street Brennan Line	Rose Street End	Urban Rural	HCB GST	50 80		883	6.0 5.5	56 10		91	Crackseal Maintenance Gravel	\$ \$	324	5	N N
2630	Maple Valley Road	Brennan Line	Telford Line	Rural	GST	80			6.0	60			Maintenance Gravel	\$	-		N
2839	Maple Valley Road	Telford Line	Hampshire Mills Line	Rural	GST	80		1402	6.0	70			Maintenance Gravel	\$	-		N
3016	Maple Valley Road	Carlyon Line	Hampshire Mills Line	Rural	GST	80			6.0	100			Maintenance Gravel	\$	-		N
3091	Maple Valley Road	Burnside Line	Carlyon Line	Rural	ICB	80	4	1562	7.6	167	7.2	46	REC - Dbl ST on 150mm A	\$	226,434	5	N
4473	Marchmont Road	Wainman Line	Riverwood Lane	Semi-Urban	НСВ	50	5	219	6.4	488	4.9	89	Crackseal	\$	766	56	N
4513	Marchmont Road	Hume Street	Cedar Rapids Drive	Semi-Urban	HCB	40	5	84	6.0	558	6.0	93	Crackseal	\$	294	41	N
4524	Marchmont Road	Cedar Rapids Drive	Hale Street	Semi-Urban	HCB	40			5.5	558	6.3	93	Crackseal	\$	276	41	N
4524	Marchmont Road	Cedar Rapids Drive	Hale Street	Semi-Urban	HCB	50		37	5.5	558	6.3	93	Crackseal	\$	129	41	N
4544	Marchmont Road	Hale Street	Gillett Drive	Semi-Urban	НСВ	50		246	6.7	488	2.9	92	Crackseal	\$	861	41	N
4575	Marchmont Road	Gillett Drive	Town Line	Semi-Urban	HCB	50		555	6.7	488	3.7	93	Crackseal	\$	1,185	36	N
4501A	Marchmont Road	Hume Street	0.1km East of Hume Street	Semi-Urban	HCB	40		71	6.0	488	4.8	95	Crackseal	\$	249	25	N
4501B 4501B	Marchmont Road Marchmont Road	0.1km East of Hume Street 0.1km East of Hume Street	Riverwood Lane Riverwood Lane	Semi-Urban Semi-Urban	HCB HCB	50 40		255 70	6.7 6.7	488 488	5.3 5.3	93 93	Crackseal Crackseal	\$ \$	891 246	36 36	N N
551	Marine Drive	Port Severn Road	End End	Semi-Urban	НСВ	50		399	6.0	56	7.2	61	PR - 70mm HMA on 100mm A	\$	89,756	0	N
4746	Martindale Crescent	Division Road West	End	Semi-Urban	НСВ	50		303	7.0	89	9.9	41	REC - 90mm HMA on 150mm A	Ś	102,977	1	N
2762A	Matchedash Street	County Road 16	End	Rural	GST	50	5	107	6.0	250			Maintenance Gravel	\$	-		N
1302	Mayhew Road	Quarry Road	Quiet Waters Lane	Semi-Urban	НСВ	60	5	1156	7.0	111	6.2	38	REC - 90mm HMA on 150mm A	\$	392,989	1	N
		Highway 11 North Off-Ramp to Mcclelland	McClelland Road On-Ramp to Highway 11														
1802	McClelland Road	Road North	North	Semi-Urban	HCB	50	6	295	6.4	105	4.4	88	Crackseal	\$	1,034	13	N
		Highway 11 North Off-Ramp to Mcclelland					_										
1963	McClelland Road	Road North Shoreview Drive	North Crescent	Semi-Urban	HCB	50			7.0	140		57	PR - 70mm HMA on 100mm A PR - 70mm HMA on 100mm A	\$	51,592	1	N
2075	McClelland Road McLeod Drive	Peninsula Point Road	North Crescent Haertel Lane	Semi-Urban	HCB ICB	50 50		205 103	7.0 5.5	84 39	10.5	63 51	PR - 70mm HMA on 100mm A PR - 70mm HMA on 100mm A	\$ \$	46,216	0	N N
717 747	McLeod Drive	Haertel Lane	End	Semi-Urban Semi-Urban	ICB	50			7.0	39		53	PR - 70mm HMA on 100mm A	\$ \$	23,098 88,504	0	N N
21403	Meadowview Court	Wainman Line	End	Semi-Urban	НСВ	50		386	6.7	104	3.7	92	Crackseal	\$	1,350	9	N
3782	Menoke Beach Road	Ardtrea Drive	Amigo Drive	Semi-Urban	ICB	60		290	6.7	666	4.7	54	PR - 70mm HMA on 100mm A	\$	65,247	5	N
3807	Menoke Beach Road	Amigo Drive	Couchiching Avenue	Semi-Urban	ICB	60		630	6.7	344	4.3	54	PR - 70mm HMA on 100mm A	\$	141,824	3	N
3875	Menoke Beach Road	Couchiching Avenue	End	Semi-Urban	ICB	60	5	531	6.4	111	5.3	40	REC - 90mm HMA on 150mm A	\$	180,695	1	N
		Highway 11 North Off-Ramp to Menoke															
3753B	Menoke Beach Road	Beach Road North	Ardtrea Drive	Semi-Urban	ICB	60		219	6.7	999		41	REC - 90mm HMA on 150mm A	\$	109,589	9	N
3318	Michael Anne Drive	Gray Street	Coldwater Road	Urban	НСВ	50			6.0	167		78	PR - 40mm Mill and Pave	\$	47,395	1	N
3321	Mill Street	Coldwater Road	Eplett Street	Urban	HCB	50		131	6.0	222		69	PR - 40mm Mill and Pave	\$	22,272	1	N
3328 4614	Mill Street Millwood Road	Eplett Street	Bush Street	Urban Semi-Urban	HCB HCB	50 50		110 404	6.7 6.7	111 139		66	PR - 40mm Mill and Pave PR - 70mm HMA on 100mm A	\$ \$	18,735	1	N N
4614		Lloyd Circle	Jenn Lynn Court		HCB							73 72			91,005	1	
1429	Millwood Road Mount Stephen Road	Jenn Lynn Court Beard Farm Trail	Town Line End	Semi-Urban Rural	GST	50 80		179 1272	6.7 5.0	222 10		73	PR - 70mm HMA on 100mm A Maintenance Gravel	\$ \$	40,372 -	1	N N
1833	Mount Stephen Road	Beard Farm Trail	Taylor Line	Rural	GST	80		1399	7.0	50			Maintenance Gravel	\$	-		N
2409	Mount Stephen Road	Balkwill Line	Wainman Line	Rural	ICB	60		1407	6.7	265		84	Surface Treatment or Slurry	\$	70,360	3	N N
	,												·	·			
2756	Mount Stephen Road	Wainman Line	Upper Big Chute Road (County Road 17)	Rural	ICB	60	5	1358	6.7	301	2.1	79	PR - Dbl Surface Treatment	\$	122,182	3	N
709	Moynes Road	Moynes Road	Dean Trail	Semi-Urban	ICB	50			6.4	139	13.9	53	PR - 70mm HMA on 100mm A	\$	75,363	1	N
778	Moynes Road	Dean Trail	Coopers Falls Road (County Road 52)	Rural	ICB	50		831	6.7	233		56	PR - Dbl Surface Treatment	\$	74,801	4	N
1078	Muskoka Street	Muskoka Street	Bowles Lane	Semi-Urban	HCB	50		256	7.0	1252		100		\$	897	10	N
1314	Muskoka Street	Bowles Lane	Ramsay Street	Semi-Urban	HCB	50			7.0	1279		100	Crackseal	\$	3,182	6	N
1353	Muskoka Street	Ramsay Street	Edgar Street	Urban	HCB	50		119	7.0	1279		100		\$	418	7	N
1381	Muskoka Street	Edgar Street	Albany Street	Urban	HCB	50			6.7	1279		100	Crackseal	\$	431	8	N N
1424 1507	Muskoka Street Muskoka Street	Albany Street Hamilton Street	Hamilton Street County Road 169	Urban Urban	HCB HCB	50 50		144 190	13.0 13.0	1279 1224		94 94	Crackseal Crackseal	\$	505 663	80 77	N N
1307	Muskoka Street	County Road 169	End	Semi-Urban	НСВ	50		204	6.0	89			ADEQ	\$ \$	713	1	N N

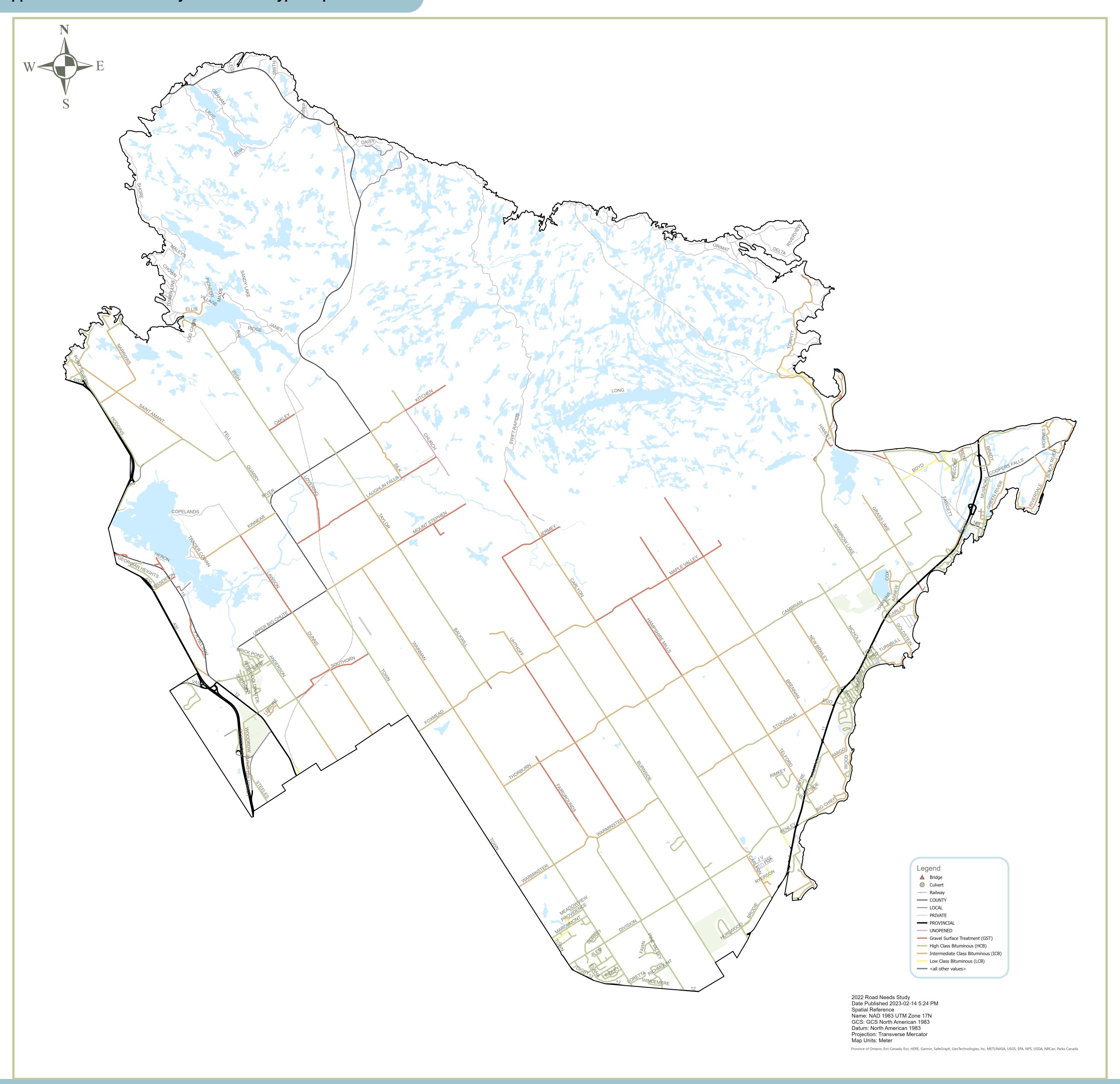
Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Road Length (m)	Road Surface Width (m)	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)		oilitation roposed)	PGN	Is Boundary Road (?)
399	Narrows Road	Russell Drive	Rockcliffe Court	Rural	НСВ	50	6	524	6.7	39		25		\$	75,943	1	N
580	Narrows Road	Saint Amant Road	Russell Drive	Rural	ICB	60	5		6.7	167	5.0		REC - Dbl ST on 150mm A	\$	268,160	5	N
580	Narrows Road	Saint Amant Road	Russell Drive	Rural	ICB	60	5		6.7	167	5.0		REC - Dbl ST on 150mm A	\$	5,078	5	N
580	Narrows Road	Saint Amant Road	Russell Drive	Rural	ICB	60	5		6.7	167	5.0	46	REC - Dbl ST on 150mm A	\$	35,296	5	N
367A	Narrows Road	Rockcliff Court	117m East of Pilkington Lane	Rural	HCB	50	6	40	6.7	39			REC - Dbl ST on 150mm A	\$	5,800	1	N
580A	Narrows Road	Saint Amant Road	Russell Drive	Rural	ICB	60	5		6.7	167	5.0	46	REC - Dbl ST on 150mm A	\$	92,437	5	N
580B	Narrows Road	Saint Amant Road	Russell Drive	Rural	ICB	60	5		6.7	167			REC - Dbl ST on 150mm A	\$	35,296	5	N
580C	Narrows Road	Saint Amant Road	Russell Drive	Rural	ICB	60	5	330	6.7	167	5.0	46	REC - Dbl ST on 150mm A	\$	47,823	5	N
627A	Narrows Road	Hodgins Road	Saint Amant Road	Rural	ICB	60	5	651	6.7	111			PR - Dbl Surface Treatment	\$	58,568	2	N
3363	New Brailey Line	Cambrian Road	Stockdale Road	Rural	ICB	80	4	2928	6.7	152	8.3	19	REC - Dbl ST on 150mm A	\$	424,581	6	N
3373	New Brailey Line	Stockdale Road	Bayou Road / New Brailey Line Overpass	Rural	НСВ	50	5	64	6.7	305	5.0	44	REC - Dbl ST on 150mm A	\$	9,227	9	N
3389	New Brailey Line	Bayou Road / / New Brailey Line Overpass	Linger Long Place New Brailey Line On-Ramp to Highway 11	Rural	НСВ	50	5	56	6.7	610	4.1	47	REC - 90mm HMA on 150mm A	\$	28,217	5	N
3412A	New Brailey Line	Linger Long Place	South	Rural	HCB	50	5	13	6.7	457	8.2	64	PR - Dbl Surface Treatment	\$	1,212	7	N
2776	Nichols Line	Cambrian Road	End	Rural	НСВ	60	5	374	7.3	107	7.1	58	PR - Dbl Surface Treatment	\$	33,697	2	N
3168	Nichols Line	Cambrian Road	Nichols Line On-Ramp to Highway 11 South	n Rural	НСВ	60	5	2494	7.3	122	4.1	69	PR - Dbl Surface Treatment	\$	224,446	2	N
														_			
1182	North River Drive	Upper Big Chute Road (County Road 17)	Quarry Road	Rural	HCB	80	4		6.0	153			Surface Treatment or Slurry	\$	13,980	1	N
803	Norton Road	Norton Road (T-Division East Part)	End	Semi-Urban	LCB	50	6	25	7.0	111			PR - 70mm HMA on 100mm A	\$	5,707	1	N
808	Norton Road	(T-Division West Part)	End	Semi-Urban	LCB	50	6	15	7.0	56		66	PR - 70mm HMA on 100mm A	\$	3,283	0	N
833	Norton Road	Norton Road (T-Division)	Rosalyn Drive	Semi-Urban	LCB	50	6	92	6.0	167	7.3		PR - 70mm HMA on 100mm A	\$	20,656	1	N
884	Norton Road	Rosalyn Drive	Canal Road	Semi-Urban	LCB	50	6	216	6.0	194	7.0	66	PR - 70mm HMA on 100mm A	\$	48,615	1	N
18990	Oakley Sideroad	Irish Line	Oakley Sideroad (Pvt. Sect.)	Rural	GST	80	6	989	6.0	20	0.4	7.0	Maintenance Gravel	\$	-		N
813 3288A	Old Greenery Bood	Canal Road	End End	Semi-Urban	HCB	50 80	6	160 614	6.8	56			PR - 70mm HMA on 100mm A	\$ \$	35,931	0	N N
	Old Creamery Road	County Road 16		Semi-Urban	ICB		4		7.3	56	6.7	59	PR - 70mm HMA on 100mm A	•	138,247		
3834	Orr Farm Road	Municipal Boundary	End Pine Valley Lane	Rural	LCB	80	4		5.3	56			PR - Dbl Surface Treatment	\$	22,001	1	N
19169	Osprey Lane	Fairgrounds Road	Pine Valley Lane	Semi-Urban	HCB	50	6	231	7.0	167	3.2		Crackseal	\$	808	23	N
19170	Osprey Lane	Pine Valley Lane	Fawn Lane	Semi-Urban	HCB	50	6	259	7.0	144			Crackseal	\$	907	18 7	N
19171	Osprey Lane	Fawn Lane Highway 11 North Off-Ramp to Park Road	End	Semi-Urban	HCB	50	0	182	7.0	67	4.4	90	Crackseal	\$	636	,	N
2272	Park Road	North	Lakeside Drive	Urban	НСВ	50	5	169	5.2	270	6.1	88	Crackseal	Ś	592	35	N
3272 595	Peninsula Point Road	Lauderdale Point Crescent	Bennett Avenue	Semi-Urban	ICB	40	5	532	6.7	278 194	4.0		PR - 70mm HMA on 100mm A	\$ \$	119,797	2	N N
602	Peninsula Point Road	Bennett Avenue	Peninsula Point Road	Semi-Urban	ICB	40	6	142	6.0	194	6.0	61	PR - 70mm HMA on 100mm A	\$	32,018	1	N N
693	Peninsula Point Road	Bennett Avenue	Muskoka District Road 49	Semi-Urban	ICB	50	5	889	7.0	444	5.5		REC - 90mm HMA on 150mm A	\$	302,429		N
704	Peninsula Point Road	Muskoka District Road 49	Peninsula Point Road	Semi-Urban	ICB	50	5		7.0	444	4.7		PR - 70mm HMA on 100mm A	\$	39,718	3	N N
707	Peninsula Point Road	South Sparrow Lake Road	Peninsula Point Road	Semi-Urban	ICB	50			6.7	555			PR - 70mm HMA on 100mm A	\$	15,917	3	N N
		·	Penley Road On-Ramp to Highway 11											*		-	
4043B	Penley Road	Hampshire Mills Line	South Series Drive	Rural	HCB	50	5		7.6	419			Crackseal	\$	1,251	35	N
4851	Pine Avenue	Kensington Place	Confederation Drive	Semi-Urban	HCB	50	6	114	6.7	83	8.7	42	REC - 90mm HMA on 150mm A	\$	38,591	1	N
4873	Pine Avenue	Glen Oak Lane	Kensington Place	Semi-Urban	HCB	50	6	90	6.7	83	8.9	67	PR - 70mm HMA on 100mm A	\$	20,152	0	N
4885	Pine Avenue	Ridley Boulevard	Glen Oak Lane	Semi-Urban	HCB	50	6	53	6.7	83	8.1	70	PR - 70mm HMA on 100mm A	\$	11,866	0	N
19181 19446	Pine Valley Lane	Fawn Lane	Osprey Lane	Semi-Urban	HCB HCB	50 50	5	400 1061	4.5 6.7	89 211	5.0	73	PR - 70mm HMA on 100mm A	\$	90,044	0	N N
	Pinecone Trail	Harrison Road Highway 11 North Off-Ramp to Pleasant	Canal Road	Semi-Urban			3				3.6		PR - 70mm HMA on 100mm A		238,752	1	
3244	Pleasant Road	Road North	Lakeside Drive	Urban	HCB	50	5		5.2	278			Crackseal	\$	781	52	N
421	Point Bush Court	Baguley Road	End	Semi-Urban	HCB	50	6	295	6.7	83	6.7		REC - 90mm HMA on 150mm A	\$	100,344	1	N
512	Port Severn Road	Kellys Road	Stonewall Lane	Semi-Urban	НСВ	50	6	185	6.7	59			Crackseal	\$	646	9	N
513	Port Severn Road	Stonewall Lane	End	Semi-Urban	HCB	50	6		6.7	12		91	Crackseal	\$	465	1	N
534	Port Severn Road Port Severn Road	Marine Drive Port Severn Road On-Ramp to Highway 400 North	Port Severn Road O Highway 400 North Off-Ramp to Port Severn Road Exit 153 North	Semi-Urban	ICB	50	6		7.0	177			Crackseal	\$	1,868	20	N
17526		Highway 400 North Off-Ramp to Port		Semi-Urban	HCB	50		16	7.0	59		29	REC - 90mm HMA on 150mm A	,	5,392		N
17527	Port Severn Road	Severn Road Exit 153 North Highway 400 North Off-Ramp to Port	Port Severn Road	Semi-Urban	НСВ	50		86	7.0	59			PR - 70mm HMA on 100mm A	\$	19,291	0	N
17528	Port Severn Road Port Severn Road (Overpass		Marine Drive Port Severn Road On-Ramp to Highway 400		НСВ	50		192	7.0	59		56	PR - 70mm HMA on 100mm A	\$	43,162	0	N
17525A	Highway 400)	Highway 400 North	North	Semi-Urban	НСВ	50		49	7.0	59		43	REC - 90mm HMA on 150mm A	\$	16,683	1	N
530	Port Stanton Parkway	Torpitt Road	Wild Echo Lodge Lane	Rural	LCB	50		286	6.4	28		48	REC - Dbl ST on 150mm A	\$	41,509	1	N
544	Port Stanton Parkway	Wild Echo Lodge Lane	Stanton House Lane	Semi-Urban	LCB	20	6		6.0	28			REC - 90mm HMA on 150mm A	\$	265,581	0	N
564	Port Stanton Parkway	Port Stanton Parkway	Stanton House Lane	Semi-Urban	LCB	50		395	4.5	28		51	PR - 70mm HMA on 100mm A	\$	88,829	0	N
572	Port Stanton Parkway	Welsh Bay Lane	South Sparrow Lake Road	Semi-Urban	НСВ	50	6	69	7.0	28		64	PR - 70mm HMA on 100mm A	\$	15,448	0	N
19251	Port Stanton Parkway	Stanton House Lane	Welsh Bay Lane	Semi-Urban	LCB	50	6		4.5	28			PR - 70mm HMA on 100mm A	\$	9,428	0	N
19426	Providence Lane	Wainman Line	Hume Street	Semi-Urban	НСВ	50		618	6.7	222		84	Crackseal	\$	2,162	37	N
874	Quarry Road	Quarry Road	0.69km West of Fell Line	Rural	HCB	80			7.0	373			Crackseal	\$	2,421	27	N
875	Quarry Road	0.69km West of Fell Line	Saint Amant Road	Rural	HCB	80	4	1339	7.0	533	3.6	94	Crackseal	\$	4,686	33	N

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Roa Lena (m	gth Road Surfac		International Ride Index	PCI	Rehabilitation (Proposed)		oilitation roposed)	PGN	Is Boundary Road (?)
1183	Quarry Road	North River Drive	Fell Line	Rural	НСВ	60	5	187	78 6.8	426	4.0	92	Crackseal	\$	6,575	36	N
1238	Quarry Road	Upper Big Chute Road (County Road 17)	Quarry Road	Rural	НСВ	50) 5	26	6.8	654	3.6	93	Crackseal	\$	939	48	N
917A	Quarry Road	Hodgins Road	Saint Amant Road	Rural	НСВ	80				378			Crackseal	\$	5,303	28	N
1534	Quetton Street	County Road 169	0.11km South of County Road 169	Semi-Urban	НСВ	50) 6	11	.1 6.7	111	6.8	85	Crackseal	\$	7,761	17	N
1735	Quetton Street	0.11km South of County Road 169	End	Semi-Urban	НСВ	50) 6	36	6.4	111	5.8	81	Crackseal	\$	25,178	22	N
1315	Ramsay Street	Albany Street	Muskoka Street	Semi-Urban	ICB	50		11	.6 7.0	83	18.1	62	PR - 70mm HMA on 100mm A	\$	26,172	1	N
3224	Reinbird Street	Reinbird Street	River Street	Urban	HCB	50		31		111			Crackseal	\$	107	6	N
3225	Reinbird Street	Reinbird Street	End	Urban	НСВ	50				56		88	Crackseal	\$	191	7	N
3235	Reinbird Street	Reinbird Street	End	Urban	HCB	50		45		56			PR - 40mm Mill and Pave	\$	7,671	0	N
17460B	Reservoir Road	Reservoir Road 0.2km North of Reservoir Road On-Ramp	Woodrow Road	Rural	ICB	50) 6	9	6.7	111	3.6	69	PR - Dbl Surface Treatment	\$	775	1	N
17467B	Reservoir Road	to Highway 400 South	End	Rural	НСВ	50	6	13	5 6.7	56	6.0	57	PR - Dbl Surface Treatment	\$	12,165	1	N
		Reservoir Road On-Ramp to Highway 400	0.2km North of Reservoir Road On-Ramp														
17467C	Reservoir Road	South	to Highway 400 South	Rural	НСВ	50) 6	75	6.7	56	7.9	44	REC - Dbl ST on 150mm A	\$	109,823	2	N
27004	Reservoir Road (Overpass	Mandania Dand	Reservoir Road On-Ramp to Highway 400		100		_			222		70	DD DIIG 6 T		4.440	_	
3780A 4849	Highway 400)	Woodrow Road	South Glen Oak Lane	Rural	ICB HCB	50 50				222 444		70 57	PR - Dbl Surface Treatment PR - 70mm HMA on 100mm A	\$ \$	1,140 40,313	3	N N
4883	Ridley Boulevard Ridley Boulevard	Wainman Line Voyageur Circle	Confederation Drive	Semi-Urban Semi-Urban	НСВ	50				22			PR - 70mm HMA on 100mm A	\$	25,613	0	N N
4884	Ridley Boulevard	Glen Oak Lane	Pine Avenue	Semi-Urban	НСВ	50		28		278		65	PR - 70mm HMA on 100mm A	\$	63,866	2	N
4908	Ridley Boulevard	Pine Avenue	Voyageur Circle	Semi-Urban	НСВ	50		30		139			PR - 70mm HMA on 100mm A	\$	69,099	1	N
21654	Rimkey Crescent	Telford Line	Rimkey Crescent (Loop)	Semi-Urban	НСВ	50				172			Crackseal	\$	1,224	13	N
21655	Rimkey Crescent	Rimkey Crescent (Loop)	Rimkey Crescent	Semi-Urban	НСВ	50) 6	132	21 7.3	172	1.1	88	Crackseal	\$	4,625	22	N
3162	River Street	Brick Pond Road	Upper Big Chute Road (County Road 17)	Urban	HCB	50				1332			PR - 40mm Mill and Pave	\$	41,305	12	N
3221	River Street	Lynch Street	Brick Pond Road	Urban	HCB	50		37		1598			PR - 40mm Mill and Pave	\$	64,416	14	N
3260	River Street	Harriet Street	Lynch Street	Urban	HCB	50				1865			PR - 40mm Mill and Pave	\$	37,837	16	N
3286 3286	River Street	Gray Street	Harriet Street	Urban	HCB HCB	40 50				2131			PR - 40mm Mill and Pave	\$	16,593	16	N N
966	River Street Riverdale Drive	Gray Street Coopers Falls Road (County Road 52)	Harriet Street Black River Road	Urban Semi-Urban	ICB	50				2131 594	4.2 2.4		PR - 40mm Mill and Pave Crackseal	\$	7,196 2,303	16 43	N N
1023	Riverdale Drive	Black River Road	Shady Lane	Semi-Urban	ICB	50				500		88	Crackseal	\$	690	63	N
1245	Riverdale Drive	Shady Lane	Jean Street	Semi-Urban	ICB	50				722			Crackseal	\$	3,289	98	N
1274	Riverdale Drive	Jean Street	Mary Crescent	Semi-Urban	ICB	50				294		35	REC - 90mm HMA on 150mm A	\$	60,919	4	N
1275	Riverdale Drive	Mary Crescent	End	Semi-Urban	ICB	50) 6	96	5 7.0	183			PR - 70mm HMA on 100mm A	\$	217,104	1	N
4492	Riverwood Lane	Marchmont Road	Warren Court	Semi-Urban	НСВ	50) 6	16	6.4	56	6.9	86	Crackseal	\$	563	8	N
4499	Riverwood Lane	Warren Court	Wainman Line	Semi-Urban	НСВ	50	6	27	'4 6.4	56	5.9	87	Crackseal	\$	959	8	N
3330	Robinson Street	Coldwater Road	End	Urban	HCB	50		0,		167			PR - 40mm Mill and Pave	\$	11,419	1	N
372	Rockcliffe Court	Narrows Road	End	Semi-Urban	HCB	50		24		28			REC - 90mm HMA on 150mm A	\$	83,319	0	N
832	Rosalyn Drive	Norton Road	End	Semi-Urban	LCB	50				111			PR - 70mm HMA on 100mm A	\$	54,161	1	N
400	Russell Drive	Narrows Road	End End	Semi-Urban Semi-Urban	ICB LCB	40 50		98 64		139 56			PR - 70mm HMA on 100mm A REC - 90mm HMA on 150mm A	\$ \$	221,117 218,622	1	N N
4281 511	Ryerson Boulevard Saint Amant Road	Carlyon Line Baguley Road	Kellys Road	Semi-Urban	HCB	60		26		111			Crackseal	\$ \$	915	13	N N
749	Saint Amant Road	Quarry Road	Narrows Road	Rural	ICB	80		271		167			PR - Dbl Surface Treatment	\$	244,251	3	N
581A	Saint Amant Road	Narrows Road	Baguley Road	Rural	ICB	80				167			PR - Dbl Surface Treatment	\$	102,738	1	N
581B	Saint Amant Road	Narrows Road	Baguley Road	Rural	ICB	60				167		78	PR - Dbl Surface Treatment	\$	44,136	1	N
2329	Sandcastle Court	West Intersection with Shoreview Drive	East Intersection with Shoreview Drive	Semi-Urban	НСВ	10) 6	17	'3 6.4	67	3.1	62	PR - 70mm HMA on 100mm A	¢	38,878	0	N
2323	Surfucustic Court	0.12km North of Vasey Road (County Road		Semi Orban	TICD	-70	,	_,	5 0.4	07	3.4	02	711 7011111 1111/1 2011111 71	7	30,070	U	14
3313	Sandhill Road	23)	End 0.12km North of Vasey Road (County Road	Semi-Urban	НСВ	80) 4	28	9 6.7	56	5.8	45	REC - 90mm HMA on 150mm A	\$	98,155	1	Υ
3348	Sandhill Road	Vasey Road (County Road 23)	23)	Semi-Urban	НСВ	80	1	12	1 6.7	56	6.0	57	PR - 70mm HMA on 100mm A	Ś	27,316	0	N
2995	Scarlet Drive	Goldstein Road	Crescent Bay Road	Rural	ICB	50				473		43	REC - 90mm HMA on 150mm A	\$ \$	244,747	6	N
3177	Second Street	Bramshott Avenue	Turnbull Drive	Urban	НСВ	50		16		56		75	PR - 40mm Mill and Pave	\$	28,635	0	N N
801	Severn Pines Crescent	Coopers Falls Road (County Road 52)	Moynes Road	Semi-Urban	ICB	50		81		250		57	PR - 70mm HMA on 100mm A	\$	183,909	2	N
760	Severn Street	Highway 11 North	Brady Drive	Semi-Urban	ICB	50		24		444		74	PR - 70mm HMA on 100mm A	\$	55,198	2	N
18991	Severn Street	Brady Drive	Severn Street	Semi-Urban	НСВ	50	5	117	73 6.0	333	3.8	91	Crackseal	\$	4,106	31	N
3537	Shadow Creek Road	Bayou Road	Timberline Avenue	Semi-Urban	HCB	50	5	19	00 6.7	530	11.2	43	REC - 90mm HMA on 150mm A	\$	64,443	6	N
3587	Shadow Creek Road	North Intersection with Timberline Avenue	South Intersection with Timberline Avenue	Semi-Urban	НСВ	50) 5	40	08 6.7	279	6.1	45	REC - 90mm HMA on 150mm A	\$	138,601	3	N
3597	Shadow Creek Road	Timberline Avenue	Bayou Road	Semi-Urban	НСВ	50				93			REC - 90mm HMA on 150mm A	\$	196,176	1	N
3384	Shaw Street	Eplett Street	Sheridan Drive	Urban	НСВ	50		11		56		78	PR - 40mm Mill and Pave	\$	19,740	0	N
3204	Sheppard Street	Wyley Street	End	Urban	НСВ	50				56		34	REC - 90mm HMA on 150mm A	\$	40,800	1	N
3217	Sheppard Street	John Street	Wyley Street	Urban	НСВ	50		14		56		49	REC - 90mm HMA on 150mm A	\$	47,897	1	N
3385	Sheridan Drive	Sturgeon Bay Road	Shaw Street	Urban	НСВ	50				209			PR - 40mm Mill and Pave	\$	70,197	2	N
3431	Sheridan Drive	Shaw Street	Riverwalk Drive	Urban	HCB	50		17		70		81	Crackseal	\$	613	14	N
20929	Sheridan Drive	Riverwalk Drive Highway 11 South Off-Ramp to Agnew / / /	End	Urban	НСВ	50) 6	62	2 6.7	5	9.6	87	Crackseal	\$	216	1	N
2102	Shoreview Drive	Shoreview South	Fawcett Road	Rural	НСВ	50	5	42	5 7.0	278	9.3	47	REC - Dbl ST on 150mm A	\$	61,661	7	N

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Le	ngth	d Surface dth (m)	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)		bilitation Proposed)	PGN	Is Boundary Road (?)
2222	Shoreview Drive	McClelland Road	Anchor Drive	Rural	НСВ	50				7.1	278	7.6		PR - Dbl Surface Treatment	\$	16,680	3	N
2276	Shoreview Drive	Anchor Drive	Sandcastle Court	Semi-Urban	HCB	40	6	1	156	7.1	167	3.4	87	Crackseal	\$	545	23	N
2277 2392	Shoreview Drive Shoreview Drive	East Intersection with Sandcastle Court Sandcastle Court	West Intersection with Sandcastle Court Treeline Drive	Semi-Urban Semi-Urban	HCB HCB	40 40			44 336	8.8 7.1	167 200	4.3 5.5	69 85	PR - 70mm HMA on 100mm A Crackseal	\$ \$	9,829 1,176	1 31	N N
			Shoreview Drive On-Ramp to Highway 11												·			
2405A	Shoreview Drive	Treeline Drive	North Shoreview Drive On-Ramp to Highway 11	Semi-Urban	HCB	40	6		63	7.3	405	5.8	37	REC - 90mm HMA on 150mm A	\$	21,316	5	N
2405B	Shoreview Drive	Treeline Drive	North	Semi-Urban	HCB	40	6		42	7.3	405	5.8	37	REC - 90mm HMA on 150mm A	\$	14,379	5	N
2023A	Shoreview Drive (Overpass over Highway 11)	Fawcett Road	McClelland Road	Rural	НСВ	50	5		43	7.0	444	6.8	78	PR - Dbl Surface Treatment	Ś	3,887	4	N
2023/(Shoreview Drive (Overpass			North	TICD	30	, s			7.0		0.0	70	The Builder Headment	.	3,007	-	
2023C	over Highway 11)	Fawcett Road	McClelland Road	Rural	HCB	50			49	7.0	444	6.8	78	PR - Dbl Surface Treatment	\$	4,417	4	N
1018A	Silk Line	Laughlin Falls Road	Kitchen Sideroad	Rural	ICB	50			715	6.7	56	5.9	49	REC - Dbl ST on 150mm A	\$	103,604	1	N
1018B	Silk Line	Laughlin Falls Road	Kitchen Sideroad	Rural	ICB	50			634	6.7	56	5.9	49	REC - Dbl ST on 150mm A	\$	91,896	1	N
1018C	Silk Line	Laughlin Falls Road	Kitchen Sideroad	Rural	ICB	25			564	6.7	56	5.9	49	REC - Dbl ST on 150mm A	\$	81,737	1	N
3918	Soules Road	Campbell Road	Eastside Drive	Semi-Urban	HCB	40			58	7.3	814	5.9	54	PR - 70mm HMA on 100mm A	\$	13,105	6	N
3959	Soules Road	Eastside Drive	Soules Road / Telford Line Overpass	Rural	HCB	50				11.3	814	4.0	47	REC - 90mm HMA on 150mm A	\$	129,160	6	N
3983	Soules Road	Soules Road / / Telford Line Overpass	Big Chief Road	Rural	НСВ	50			436	6.7	814	8.8	41	REC - 90mm HMA on 150mm A	\$	218,208	7	N
391	South Riverside Drive	Irish Line	End	Semi-Urban	ICB	50			284	6.0	11	6.5	47	REC - 90mm HMA on 150mm A	\$	96,570	0	N
706	South Sparrow Lake Road	Torpitt Road	Peninsula Point Road	Rural	НСВ	60			.366	6.7	888	2.4		Crackseal	\$	4,781	83	N
744	South Sparrow Lake Road	Peninsula Point Road	Hamlet Trail	Rural	HCB	60			443	6.7	999	2.5	91	Crackseal	\$	1,552	94	N
847	South Sparrow Lake Road	Hamlet Trail	Buck Lake Bend	Rural	НСВ	60			656	6.7	1396	2.5	91	Crackseal	\$	2,295	131	N
2434 2652	South Sparrow Lake Road	Noth Intersection with Buck Lake Bend Cambrian Road	South Intersection with Buck Lake Bend	Rural Semi-Urban	HCB HCB	60 50			143 432	6.7 6.7	1298 858	2.0 4.4	95 4E	Crackseal REC - 90mm HMA on 150mm A	\$ \$	500 147,043	68 10	N N
	South Sparrow Lake Road		Lake Saint George Boulevard						.097	6.7	1161		45		\$ \$		7	N N
2902	South Sparrow Lake Road South Sparrow Lake Road	Lake Saint George Boulevard Hawkins Drive	Hawkins Drive Sparrow Lake Road / Goldstein Road Overpass	Semi-Urban Semi-Urban	НСВ НСВ	50			100	6.4	1385	6.4 4.8	61 55	PR - 70mm HMA on 100mm A PR - 70mm HMA on 100mm A	\$	246,908	10	N N
2913	South Sparrow Lake Road	Sparrow Lake Road / / Goldstein Road Overpass	Agnew Road	Semi-Urban	НСВ	50			78	7.0	426	4.0	68	PR - 70mm HMA on 100mm A	Ś	17,535	2	N
2957	South Sparrow Lake Road	Agnew Road	Sparrow Lake Road On-Ramp to Highway 11 South	Semi-Urban	НСВ	50			28	7.0	426	23.5	67	PR - 70mm HMA on 100mm A	\$	6,297	2	N
21613	South Sparrow Lake Road	Buck Lake Bend	Cambrian Road	Rural	HCB	60	4	4	081	6.7	1298	2.7	91	Crackseal	\$	14,283	122	N
3254	Southorn Road	Town Line	Dunns Line	Rural	GST	80	4	1	.403	6.4	100			Maintenance Gravel	\$	-		N
3459	Southorn Road	Dunns Line	Anderson Line	Rural	GST	80			.665	7.0	100			Maintenance Gravel	\$	-		N
3521	Southorn Road	East Intersection of Leisure Court	West Intersection of Leisure Court	Semi-Urban	HCB	50			443	7.0	419	3.0	70	PR - 70mm HMA on 100mm A	\$	99,682	2	N
3529	Southorn Road	Anderson Line	Leisure Court	Semi-Urban	HCB	50			793	6.7	209	4.3	66	PR - 70mm HMA on 100mm A	\$	178,333	1	N
3551A	Southorn Road	Leisure Court	Coldwater Road	Semi-Urban	HCB	50			291	7.0	419	3.4	73	PR - 70mm HMA on 100mm A	\$	65,375	2	N
3958A	Steeles Line	Lower Big Chute Road	End	Rural	HCB	80			.038	7.0	562	2.7	89	Surface Treatment or Slurry	\$	51,913	5	N
3492	Stockdale Road	Ego Sideroad	New Brailey Line	Rural	ICB	60			865	6.4	56	6.8	18	REC - Dbl ST on 150mm A	\$	125,422	2	N
3555	Stockdale Road	Brennan Line	Ego Sideroad	Rural	ICB	60			635	6.4	167	7.9	15	REC - Dbl ST on 150mm A	\$	92,117	7	N
3680	Stockdale Road	Telford Line	Brennan Line	Rural	ICB	60			.426	6.7	167	5.9	19	REC - Dbl ST on 150mm A	\$	206,764	7	N
3772	Stockdale Road	Hampshire Mills Line	Telford Line	Rural	HCB	80			.339	6.7	167	0.0		Crackseal	\$	4,688	0	N
3827	Stockdale Road	Carlyon Line	Hampshire Mills Line	Rural	ICB	80			.438	6.7	167	5.1	42	REC - Dbl ST on 150mm A	\$	208,525	5	N
3292	Sturgeon Bay Road	River Street	Eplett Street	Urban	HCB	50				10.0	2445		72	PR - 40mm Mill and Pave	\$	18,439	15	N
3293	Sturgeon Bay Road	Eplett Street	Charles Street	Urban	HCB	50				10.0	2611		85	Crackseal	\$	55	408	N
3296 3297	Sturgeon Bay Road Sturgeon Bay Road	Charles Street Bush Street	Bush Street West Street	Urban Urban	HCB HCB	50 50				10.0 10.0	2770 2930		73 78	PR - 40mm Mill and Pave PR - 40mm Mill and Pave	\$ \$	14,981 3,695	16	N N
3297	Sturgeon Bay Road Sturgeon Bay Road	West Street	Sheridan Drive	Urban	HCB	50		1		10.0	3090	6.7	78 67	PR - 40mm Mill and Pave PR - 40mm Mill and Pave	\$	3,695	14 22	N N
3335A	Sturgeon Bay Road	Sheridan Drive	60m West of Sheridan Drive	Urban	НСВ	50			60	8.0	3111		72	PR - 40mm Mill and Pave	\$ \$	10,200	19	N N
3335A 3335B	Sturgeon Bay Road	60m West of Sheridan Drive	270m East of County Road 16	Rural	НСВ	50		3		8.0	3111		95	Crackseal	\$	1,199	162	N
3335C	Sturgeon Bay Road	270m East of County Road 16	County Road 16	Rural	НСВ	50			233	8.0	3111	4.2		PR - Dbl Surface Treatment	\$	20,999	45	N
3410	Sunset Crescent	Community Centre Drive	Gill Street	Urban	НСВ	50			255	6.0	111		87	Crackseal	Ś	893	15	N
4603	Surrey Crescent	Wainman Line	Carriage Court	Semi-Urban	НСВ	50			479	7.0	111		38	REC - 90mm HMA on 150mm A	\$	163,019	1	N
811	Taylor Line	Upper Big Chute Road (County Road 17)	End	Rural	НСВ	50	6	(643	5.5	56	3.7	83	Surface Treatment or Slurry	\$	32,173	1	N
1200	Taylor Line	Laughlin Falls Road	Upper Big Chute Road (County Road 17)	Rural	НСВ	60	5	1	852	6.7	56	3.5	89	Surface Treatment or Slurry	\$	92,616	0	N
1835	Taylor Line Taylor Line	Mount Stephen Road	Laughlin Falls Road	Rural	ICB	60		1		7.0	167	3.9	60	PR - Dbl Surface Treatment	\$	164,805	3	N N
2631	Telford Line	Maple Valley Road	End	Rural	GST	80				5.5	25	8.1	47	REC - Dbl ST on 150mm A	-\$	1,612	-97	N N
2631	Telford Line	Maple Valley Road	End	Rural	ICB	80				5.5	28		47	REC - Dbl ST on 150mm A	\$	5,244	1	N
3173	Telford Line	Maple Valley Road	Cambrian Road	Rural	ICB	80			3092	7.0	89	3.4	48	REC - Dbl ST on 150mm A	\$	448,293	2	N
3681	Telford Line	Cambrian Road	Stockdale Road	Rural	ICB	80		3		7.0	167		53	PR - Dbl Surface Treatment	\$	279,280	3	N
3860	Telford Line	Stockdale Road	Rimkey Crescent	Rural	ICB	80		1		6.7	410		39	REC - 90mm HMA on 150mm A	\$	456,636	5	N
3860	Telford Line	Stockdale Road	Rimkey Crescent	Rural	ICB	50		1		6.7	410		39	REC - 90mm HMA on 150mm A	\$	63,261	5	N

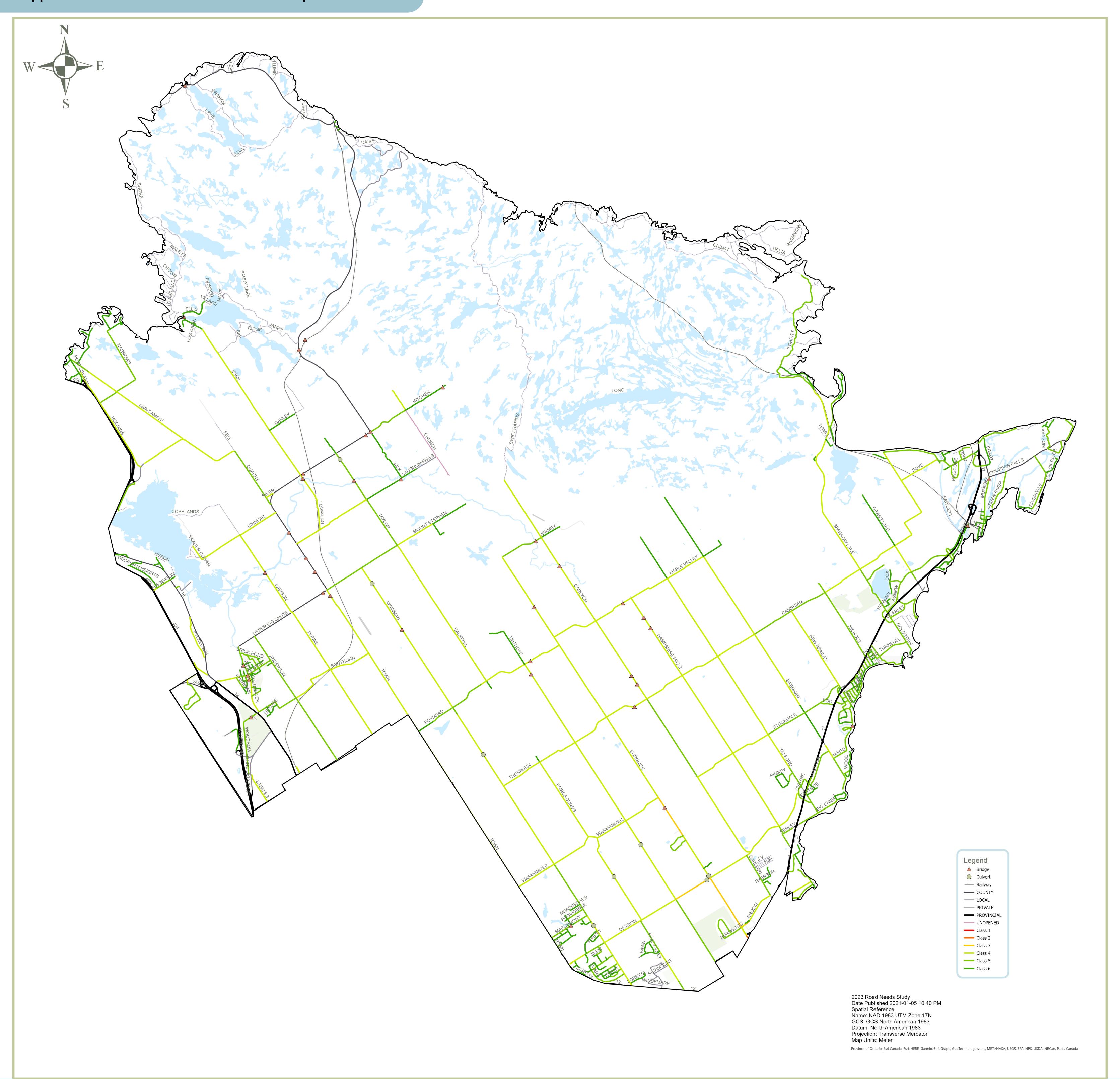
Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Road Length (m)	Road Surface Width (m)	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)		abilitation Proposed)	PGN	Is Boundary Road (?)
21656	Telford Line	Rimkey Crescent	Soules Road / Telford Line Overpass	Rural	ICB	50	5	529	6.7	410	7.8	30	REC - 90mm HMA on 150mm A	\$	264,391	4	N
3887A	Telford Line	Centre Avenue	Telford Line On-Ramp to Highway 11 Sou	th Rural	ICB	50	5	38	7.3	1365	3.9	50	PR - Dbl Surface Treatment	\$	3,446	28	N
895	The Birches	Canal Road	End	Semi-Urban	HCB	50	6	201	6.7	83	5.7	86	Crackseal	\$	705	12	N
3386	The Lane	Azcona Avenue	Cumberland Road	Urban	HCB	50	6	165	4.2	111	7.5	64	PR - 40mm Mill and Pave	\$	28,113	1	N
3417	The Lane	Highview Avenue	Azcona Avenue	Urban	HCB	50	6	137	4.2	111	10.2	60	PR - 40mm Mill and Pave	\$	23,233	1	N
3195	Third Street	Bramshott Avenue	Summerhill Way	Urban	HCB	50	6	92	7.0	56		51	PR - 40mm Mill and Pave	\$	15,612	1	N
21751	Third Street	Summerhill Way	Turnbull Drive	Urban	HCB	50	6	88	7.0	56	4.4	80	PR - 40mm Mill and Pave	\$	14,968	0	N
3726 3786	Thorburn Road Thorburn Road	Burnside Line Uhthoff Line	Uhthoff Line	Rural Rural	ICB ICB	80 80	4	1379 1388	6.7 6.7	199 204	5.1 5.0	29 30	REC - Dbl ST on 150mm A REC - Dbl ST on 150mm A	\$	199,951 201,198	7 7	N N
3855	Thorburn Road	Fairgrounds Road	Fairgrounds Road Wainman Line	Rural	ICB	80	4	1444	6.7	204		43	REC - Dbl ST on 150mm A	\$ \$	201,198	6	N N
3491	Timberline Avenue	Grand Tamarack Crescent	End	Semi-Urban	НСВ	50	6	134	6.7	33		50	PR - 70mm HMA on 100mm A	\$	30,121	0	N
3538	Timberline Avenue	Grand Tamarack Crescent	Shadow Creek Road	Semi-Urban	HCB	50	-	318	7.0	333		21	REC - 90mm HMA on 150mm A	Ś	108,019	6	N
		North Intersection with Shadow Creek	South Intersection with Shadow Creek											T			
3586	Timberline Avenue	Road	Road	Semi-Urban	НСВ	50	6	549	6.7	167	6.5	53	PR - 70mm HMA on 100mm A	\$	123,580	1	N
308	Torpitt Road	Torys Landing Road	Grandview Lodge Road	Rural	ICB	60	5	544	6.7	83	7.5	52	PR - Dbl Surface Treatment	\$	48,972	2	N
312	Torpitt Road	Grandview Lodge Road	Otto Roehl Lane	Rural	ICB	60	5	301	6.7	111	6.1	61	PR - Dbl Surface Treatment	\$	27,113	2	N
324	Torpitt Road	Otto Roehl Lane	Apter Lane	Rural	ICB	60	5		6.7	111		66	PR - Dbl Surface Treatment	\$	21,067	2	N
353	Torpitt Road	Apter Lane	Orimat Road	Rural	ICB	60	5		6.7	111	5.2	66	PR - Dbl Surface Treatment	\$	27,961	2	N
433	Torpitt Road	Orimat Road	United Church Camp Lane	Rural	ICB	60	5		6.7	222	7.4	42	REC - Dbl ST on 150mm A	\$	138,009	6	N
484	Torpitt Road	United Church Camp Lane	Walters Lane	Rural	ICB	60	5		6.7	250	9.3	49	REC - Dbl ST on 150mm A	\$	74,059	6	N
522 573	Torpitt Road Torpitt Road	Walters Lane Port Stanton Parkway	Port Stanton Parkway South Sparrow Lake Road	Rural Rural	ICB ICB	60 60	5	534 1741	6.7 4.2	250 278	7.7 3.2	49 82	REC - Dbl ST on 150mm A Surface Treatment or Slurry	\$	77,422 87,046	4	N N
19257	Torpitt Road	Torys Landing Road	End	Rural	GST	60		502	6.0	75	3.2	82	Maintenance Gravel	¢	87,046	4	N N
	Town Line	·	0.72km south of Upper Big Chute Road			80	Δ		6.7		2.0	91		Ś		17	
3149 3568	Town Line Town Line	Upper Big Chute Road (County Road 17) Southorn Road	(County Road 17) 2.47km South of Southorn Road	Rural Rural	HCB HCB	80	4	723 2466	6.7	178 228	2.0 1.9	87	Crackseal Surface Treatment or Slurry	\$	2,530 123,321	2	N N
3659	Town Line Town Line	2.47km South of Southorn Road	Foxmead Road	Rural	HCB	60	5	623	5.1	228	2.6	91	Crackseal	\$ \$	2,181	21	Y
4576	Town Line	0.2km South of Warminster Road	Marchmont Road	Rural	НСВ	50	5	1833	6.7	400		60	PR - Dbl Surface Treatment	\$	165,008	6	Y
4598	Town Line	Marchmont Road	Avery Lane	Semi-Urban	HCB	50	5		6.7	357	4.1	65	PR - 70mm HMA on 100mm A	Ś	25,525	2	Y
4632	Town Line	Avery Lane	Millwood Road	Semi-Urban	НСВ	50	5	240	6.7	426		60	PR - 70mm HMA on 100mm A	\$	54,109	3	Y
21139	Town Line	Warminster Road	0.2km South of Warminster Road	Rural	НСВ	50	5		6.7	400		65	PR - Dbl Surface Treatment	\$	17,842	6	Υ
		0.72km south of Upper Big Chute Road															
21175	Town Line	(County Road 17)	Southorn Road	Rural	НСВ	80	4	1805	6.7	178	2.6	88	Surface Treatment or Slurry	\$	90,262	2	N
4309A	Town Line	Foxmead Road	Warminster Road	Rural	HCB	60	5		6.7	400		57	PR - Dbl Surface Treatment	\$	54,101	7	Υ
4309B	Town Line	Foxmead Road	Warminster Road	Rural	HCB	80	4		6.7	400	3.3	57	PR - Dbl Surface Treatment	\$	500,905	7	Υ
4657B	Town Line	Millwood Road	Highway 12	Semi-Urban	HCB	50	5		6.7	698	4.7	66	PR - 70mm HMA on 100mm A	\$	55,489	4	Y
2133	Trader Cowan Road	Twin Oaks Crescent Kinnear Sideroad	Tay Bay Road	Semi-Urban	ICB ICB	80 80	4	416 123	6.0 5.6	305 500	4.4	51	PR - 70mm HMA on 100mm A	\$	93,693	6	N N
2212 2448	Trader Cowan Road Treeline Drive	Shoreview Drive	Twin Oaks Crescent End	Semi-Urban Semi-Urban	HCB	40	4	301	6.4	139		45 74	REC - 90mm HMA on 150mm A PR - 70mm HMA on 100mm A	¢	41,715 67,696	1	N N
794	Trent Trail	Trent Trail	End	Semi-Urban	ICB	50	5		6.7	211	13.3	57	PR - 70mm HMA on 100mm A	\$	88,873	1	N
864	Trent Trail	Canal Road	Trent Trail	Semi-Urban	ICB	50			6.7	333		54	PR - 70mm HMA on 100mm A	\$	63,991	2	N
001		Highway 11 North Off-Ramp to Turnbull		Jenn Januari	105	50	3	201	0.7	333	3.2	٥.	711 7011111 7111117 011 20011111 71	Ψ	03,331	-	
3145	Turnbull Drive	Drive North	First Street	Urban	HCB	50	5	83	6.0	389	6.6	56	PR - 40mm Mill and Pave	\$	14,152	4	N
3161	Turnbull Drive	First Street	Second Street	Urban	HCB	50	5	109	6.0	333	5.3	93	Crackseal	\$	382	24	N
3174	Turnbull Drive	Grayshott Drive	Goldstein Road	Rural	ICB	50	5	1038	6.0	789	4.4	48	REC - 90mm HMA on 150mm A	\$	518,768	6	N
3179	Turnbull Drive	Second Street	Third Street	Urban	HCB	50	5		6.0	278	5.6	65	PR - 40mm Mill and Pave	\$	19,143	2	N
3189	Turnbull Drive	Third Street	Grayshott Drive	Urban	HCB	50	5		6.4	222	7.3		REC - 90mm HMA on 150mm A	\$	82,391	2	N
3212	Uhthoff Line	Foxmead Road	End	Rural	ICB	80	6		5.0	22		52		\$	159,710	0	N
4000	Uhthoff Line	Thorburn Road	Warminster Road	Rural	GST	80		3109	7.0	130		CA	Maintenance Gravel	\$	270.645	2	N
4365 4897	Uhthoff Line Uhthoff Line	Warminster Road Division Road West	Division Road West	Rural	HCB	80 60	5	3107 2111	7.0 7.0	199 186	2.6	56	PR - Dbl Surface Treatment PR - Dbl Surface Treatment	\$	279,645 190,035	3	N N
4897	Uhthoff Line	Division Road West	2.46km South of Division Road West 2.46km South of Division Road West	Rural Rural	HCB HCB	60		353	7.0	186		56	PR - Dbl Surface Treatment PR - Dbl Surface Treatment	¢	31,757	3	N N
20721	Uhthoff Line	2.46km South of Division Road West	Municipal Boundary	Rural	НСВ	60			7.3	279		35	REC - Dbl ST on 150mm A	\$	80,733	9	Y
3727A	Uhthoff Line	Foxmead Road	0.8km South of Foxmead Road	Rural	GST	80		890	6.7	100		33	Maintenance Gravel	Ś	-	,	N N
3727B	Uhthoff Line	0.8km South of Foxmead Road	Thorburn Road	Rural	GST	80		2215	6.0	100			Maintenance Gravel	\$	-		N
4882	Voyageur Circle	Ridley Boulevard	End	Semi-Urban	НСВ	50		128	6.7	67		54	PR - 70mm HMA on 100mm A	\$	28,814	0	N
3527	Wainman Line	Mount Stephen Road	Foxmead Road	Rural	ICB	80	4	5572	6.7	138	4.4	39	REC - Dbl ST on 150mm A	\$	807,869	4	N
4186	Wainman Line	Thorburn Road	Warminster Road	Rural	HCB	80	4	3106	6.7	357	5.6	21	REC - Dbl ST on 150mm A	\$	450,404	14	N
4456	Wainman Line	Warminster Road	Meadowview Court	Rural	HCB	60	5		7.0	444	2.1	88	Surface Treatment or Slurry	\$	79,578	4	N
4490	Wainman Line	Marchmont Road	Riverwood Lane	Semi-Urban	HCB	60			6.7	799		51	PR - 70mm HMA on 100mm A	\$	54,636	6	N
4538	Wainman Line	Riverwood Lane	Carriage Court	Semi-Urban	HCB	60	4		6.7	852	10.3	46	REC - 90mm HMA on 150mm A	\$	182,457	7	N
4557	Wainman Line	Carriage Court	Surrey Crescent	Semi-Urban	HCB	60		168	6.7	959	3.1	58	PR - 70mm HMA on 100mm A	\$	37,887	7	N
4605	Wainman Line	Surrey Crescent	Division Road West	Semi-Urban	HCB	60		299	6.7	1326		44	REC - 90mm HMA on 150mm A	\$	149,261	11	N
4684	Wainman Line	Division Road West	Birkeshire Woods Lane	Semi-Urban	HCB	60		510	7.0	1050		80	PR - 70mm HMA on 100mm A	\$	114,860	3	N
4753 4803	Wainman Line	Birkeshire Woods Lane Confederation Drive	Confederation Drive	Semi-Urban	HCB	60		308	7.0	1050		83	Crackseal	\$ \$	1,080	186	N
4803	Wainman Line	Elana Drive	Ridley Boulevard Loretta Avenue	Semi-Urban Semi-Urban	HCB HCB	60 60		218 386	7.0 7.0	1449 2414		82 68	PR - 70mm HMA on 100mm A	\$	763 86,805	272 13	N N

Segment ID	Road Name	From	То	Roadside Environment	Surface Type	Speed Limit (km/h)	Maintenance Class	Road Length (m)	Road Surface Width (m)	AADT (2022)	International Ride Index	PCI	Rehabilitation (Proposed)	 bilitation Proposed)	PGN	Is Boundary Road (?)
19425	Wainman Line	Providence Lane	Marchmont Road	Semi-Urban	НСВ	60	5	255	6.0	408	3.8	93	Crackseal	\$ 894	30	N
20743	Wainman Line	Ridley Boulevard	Elana Drive	Semi-Urban	HCB	60	4	192	7.0	2414	3.2	67	PR - 70mm HMA on 100mm A	\$ 43,284	13	N
21404	Wainman Line	Meadowview Court	Providence Lane	Semi-Urban	HCB	60	5	186	6.0	444	1.7	91	Crackseal	\$ 652	42	N
3856A	Wainman Line	Foxmead Road	Thorburn Road	Rural	ICB	80	4	2845	7.0	255	4.0	28	REC - Dbl ST on 150mm A	\$ 412,503	9	N
3856B	Wainman Line	Foxmead Road	Thorburn Road	Rural	ICB	80	5	270	7.0	255	4.0	28	REC - Dbl ST on 150mm A	\$ 39,149	9	N
4976B	Wainman Line	Loretta Avenue	Highway 12	Semi-Urban	HCB	60	4	97	7.0	2243	3.4	80	PR - 70mm HMA on 100mm A	\$ 21,756	7	N
3999	Warminster Road	Uhthoff Line	Burnside Line	Rural	ICB	80	4	1350	6.0	222	2.3	42	REC - Dbl ST on 150mm A	\$ 195,727	6	N
4060	Warminster Road	Fairgrounds Road	Uhthoff Line	Rural	ICB	80	4	1115	6.7	222	7.8	30	REC - Dbl ST on 150mm A	\$ 161,699	8	N
4185	Warminster Road	Wainman Line	Fairgrounds Road	Rural	ICB	80	4	1506	7.0	204	4.3	45	REC - Dbl ST on 150mm A	\$ 218,352	6	N
4310	Warminster Road	Town Line	Wainman Line	Rural	ICB	80	4	1405	7.0	214	4.4	46	REC - Dbl ST on 150mm A	\$ 203,762	6	N
4498	Warren Court	Riverwood Lane	End	Semi-Urban	HCB	50	6	112	6.4	33	10.8	60	PR - 70mm HMA on 100mm A	\$ 25,199	0	N
752	Wasdell Falls Road	Claresbridge Lane	Coopers Falls Road (County Road 52)	Semi-Urban	ICB	50	5	938	6.4	222	11.0	47	REC - 90mm HMA on 150mm A	\$ 318,947	3	N
2067	Waubview Road	County Road 16	End	Rural	GST	50	6	286	6.0	10			NO	\$ -		N
2143	Waubview Road	East Intersection with County Road 16	West Intersection with County Road 16	Rural	GST	50	6	305	6.0	20			Maintenance Gravel	\$ -		N
816A	West Canal Road	Cambrian Road	0.45km West of Cambrian Road	Semi-Urban	GST	50	6	495	5.0	190			Maintenance Gravel	\$ -		Х
3298	West Street	Sturgeon Bay Road	End	Urban	HCB	50	6	221	6.0	83	12.9	69	PR - 40mm Mill and Pave	\$ 37,650	1	N
3629	Westshore Crescent	Bayou Road	Westshore Crescent (Loop)	Semi-Urban	НСВ	50	5	32	6.7	305	11.0	46	REC - 90mm HMA on 150mm A	\$ 10,903	4	N
3646	Westshore Crescent	Westshore Crescent (Loop)	Westshore Crescent	Semi-Urban	HCB	50	5	571	6.7	305	3.4	58	PR - 70mm HMA on 100mm A	\$ 128,378	2	N
705	Whippoorwill Lane	Dean Trail	End	Semi-Urban	ICB	50	6	140	6.4	39	13.0	55	PR - 70mm HMA on 100mm A	\$ 31,591	0	N
3870	Willow Crescent	Eastside Drive	End	Semi-Urban	ICB	50	6	65	6.4	47	4.0	53	PR - 70mm HMA on 100mm A	\$ 14,616	0	N
4333	Wilson Point Road	Drinkwater Drive	Wilson Point Road South	Rural	ICB	60	4	731	4.4	500	4.6	43	REC - 90mm HMA on 150mm A	\$ 248,668	6	N
4283	Wilson Point Road North	Wilson Point Road	End	Semi-Urban	ICB	50	5	694	5.5	278	5.4	80	PR - 70mm HMA on 100mm A	\$ 156,241	1	N
4295	Wilson Point Road South	Old Wilson Point Lane	Cunningham Crescent	Semi-Urban	ICB	50	5	112	4.1	205	4.2	84	Crackseal	\$ 390	34	N
4315	Wilson Point Road South	Old Wilson Point Lane	End	Semi-Urban	ICB	50	6	126	3.9	61	5.2	88	Crackseal	\$ 440	8	N
21612	Wilson Point Road South	Cunningham Crescent	Old Wilson Point Lane	Semi-Urban	ICB	50	6	29	4.1	61	4.9	84	Crackseal	\$ 101	10	N
3767	Wood Avenue	Point Corazza Vista	End	Semi-Urban	LCB	50	6	57	6.0	11	13.1	36	REC - 90mm HMA on 150mm A	\$ 19,217	0	N
			West Intersection with Couchiching													
3821	Wood Avenue	East Intersection with Couchiching Avenue	Avenue	Urban	HCB	50	6	390	6.7	56	4.9	91	Crackseal	\$ 1,366	5	N
3799A	Wood Avenue	Couchiching Avenue	0.1km North of Couchiching Avenue	Urban	HCB	50	6	72	6.7	178	6.4	72	PR - 40mm Mill and Pave	\$ 12,288	1	N
3799B	Wood Avenue	0.1km North of Couchiching Avenue	Point Corazza Vista	Semi-Urban	ICB	50	6	543	6.0	178	8.0	39	REC - 90mm HMA on 150mm A	\$ 184,714	2	N
3574	Woodland Place	Leisure Court	End	Semi-Urban	ICB	50	6	164	6.7	50	6.2	51	PR - 70mm HMA on 100mm A	\$ 36,887	0	N
3779	Woodrow Road	Dunlop Drive	Reservoir Road	Rural	ICB	50	5	1118	6.0	1123	6.1	43	REC - 90mm HMA on 150mm A	\$ 380,048	14	N
3779	Woodrow Road	Dunlop Drive	Reservoir Road	Rural	HCB	50	5	429	6.0	1123	6.1	43	REC - 90mm HMA on 150mm A	\$ 145,701	14	N
3572A	Woodrow Road	Highway 12	Dunlop Drive	Rural	HCB	50	5	131	6.0	1213	5.9	86	Surface Treatment or Slurry	\$ 6,563	12	N
3809B	Woodrow Road	Reservoir Road	Steeles Line	Rural	ICB	50	5	544	6.0	562	15.0	44	REC - 90mm HMA on 150mm A	\$ 185,127	7	N
3205	Wyley Street	Sheppard Street	Earls Court	Urban	HCB	50	5	133	6.7	222	12.7	35	REC - 90mm HMA on 150mm A	\$ 45,098	3	N
3234	Wyley Street	Gray Street	Sheppard Street	Urban	НСВ	50	5	127	6.7	278	6.4	76	PR - 40mm Mill and Pave	\$ 21,669	1	N

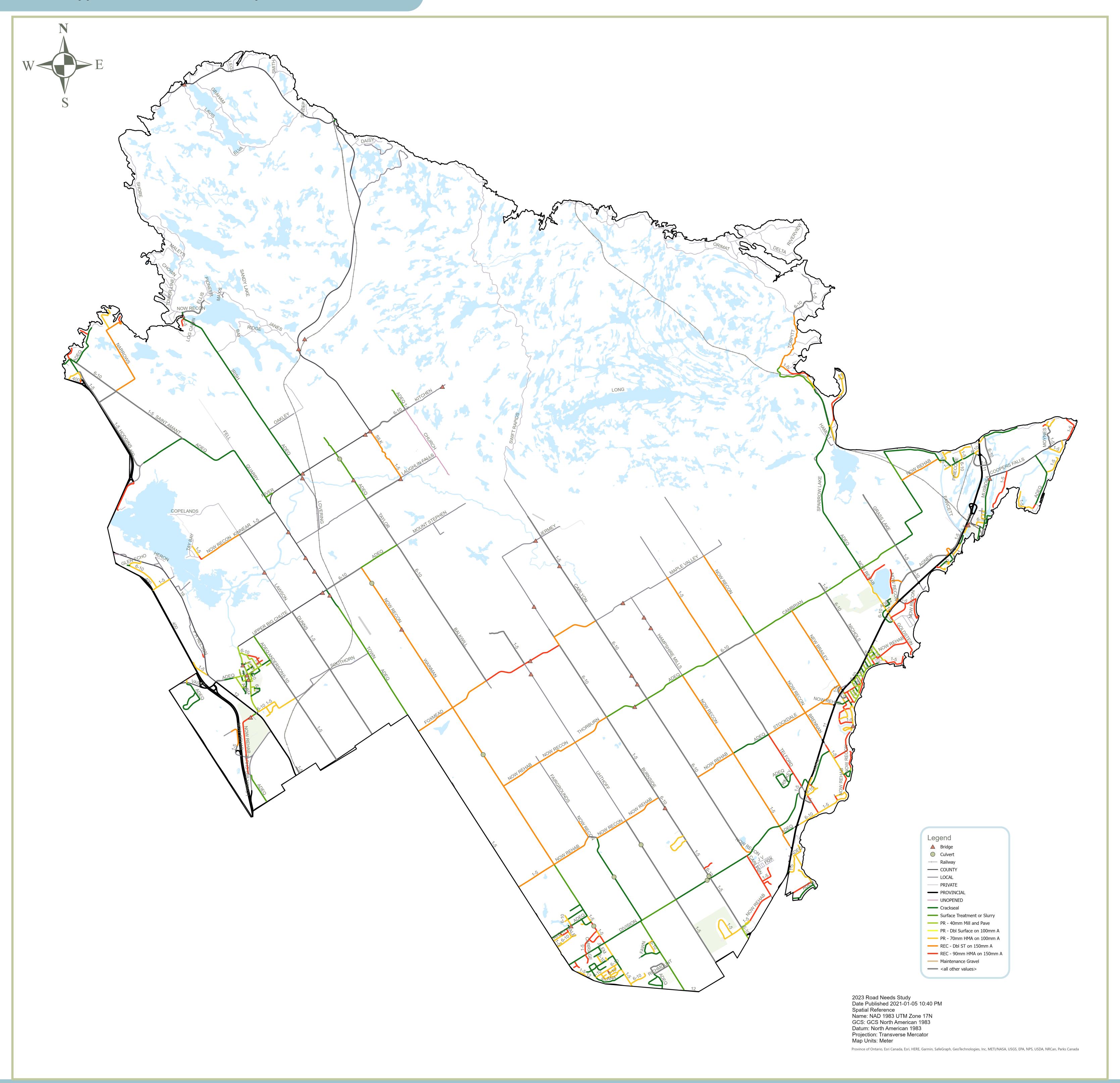




Appendix C - Maintenance Classification Map









Appendix E - Template for Life Cycle Road Improvements (Hard Top) 2022 Road Needs Study - Township of Severn

Improvement	Time Period to		Urban or Semi-Ur	ban Road - Hard Top			Rural	- Hard Top	
		PCI	Urban	Semi-Urban	Typical Trigger Year	PCI	AADT >400 and/or high truck traffic	AADT 0 to 400	Typical Trigger Year
Routine Maintenance (M)	N/A	>80	Crack Sealing (HCB roads only) (Holds PCI for 2 years)	Crack Sealing (HCB roads only) (Holds PCI for 2 years)	3 to 7 range	>90	Crack Sealing (HCB roads only) (Holds PCI for 2 years)	Crack Sealing (HCB roads only) (Holds PCI for 2 years)	3 to 7 range
Resurface (PM)	N/A	N/A	N/A	N/A	15	80 to 90	Surface Treatment + Slurry Seal (Effect PCI 95)	Surface Treatment + Slurry Seal (Effect PCI 95)	15
Pulverize & Resurface (PR)	1 to 10 Years	50 to 80	Mill + 1 HMA (Effect PCI 90)	Pulverize + 100 mm Granular A + 1 HMA (Effect PCI 90)	20 to 25	50 to 80	Pulverize + 100 mm Granular A + 1 HMA (Effect PCI 90)	Pulverize + 100 mm Granular A + Double Surface Treatment (Effect PCI 90)	20 to 25
Reconstruction (REC)	NOW	<50*	Full reconstruction (2 HMA) + nominal storm sewer adjustment (Effect PCI 100)	Full reconstruction (2 HMA) + partial culvert replacement (Effect PCI 100)	40	<50*	Pulverize + 150 mm Granular A + 2 HMA (Effect PCI 100)	Pulverize + 150 mm Granular A + Double Surface Treatment (Effect PCI 100)	40
Reconstruction Including Storm Sewers (REC-SS)	N/A	Variable**	Full reconstruction including storm sewers (Effect PCI 100)	Full reconstruction including storm sewers (Effect PCI 100)	Variable**	Variable**	Full reconstruction including storm sewers (Effect PCI 100)	Full reconstruction including storm sewers (Effect PCI 100)	Variable**

^{*} Minimum PCI = 35 (i.e., increased patching required to maintain safe travel surface at minimum PCR).

^{**} Reconstruction works that include storm sewers will vary depending on the following needs to upgrade the level of service: drainage issues, resident requests for upgrading under Local Improvement.

Appendix E - Template for Life Cycle Road Improvements (Gravel Roads) 2022 Road Needs Study - Township of Severn

Improvement	Time Period To			Semi-Urban or Rural - Grave	:l	
	Neconstruction	Structural Adequacy (SA)	AADT >400	AADT 200-400	AADT <200	Typical Trigger Year
Routine Maintenance (M)	N/A	>10	Maintenance Gravel	Maintenance Gravel	Maintenance Gravel	Variable*; Maintenance gravel every 3 years
Resurface (PM)	N/A	4 to 10	150 mm Granular A + Double Surface Treatment	100 mm Granular A	Maintenance Gravel	Variable*
Reconstruction (REC)	NOW	<4	150 mm Granular A + 2 HMA + 30% base replacement	150 mm Granular A + Double Surface Treatment + 30% base replacement	150 mm Granular A + 30% base replacement	Variable*

^{*} Timeframe will vary depending on the following needs: Insufficient base strength due to environmental degradation; poor drainage; design unable to accommodate traffic volumes or truck volumes; coordination with replacement of underground services.

Source	Segment ID	Road Name	From	То	Treatment Year	Treatment Applied	Estimated Cost	Comments
	1037	Boyd Road	Cambrian Road	Canal Road	2023	REC - 90mm HMA on 150mm A	\$ 337,109	
	4556			Highway 11 South Off-Ramp to Burnside Line				
	1330	Burnside Line	Hurlwood Lane	Exit 135 South	2023	REC - 90mm HMA on 150mm A	\$ -	MTO Project
	4558		Highway 11 South Off-Ramp to Burnside Line					
	4330	Burnside Line	Exit 135 South	Burnside Line On-Ramp to Highway 11 South	2023	REC - 90mm HMA on 150mm A	\$ -	MTO Project
	4584A							
	130-1/1	Burnside Line	Burnside Line On-Ramp to Highway 11 South	Highway 11 South	2023	REC - 90mm HMA on 150mm A	\$ -	MTO Project
	4583A							
	155571		Overpass	Overpass	2023	REC - 90mm HMA on 150mm A	\$ -	MTO Project
	4554A	Highway 11 South Off-Ramp to Burnside Line						
		Exit 135 South	Overpass	Overpass	2023	REC - 90mm HMA on 150mm A	·	MTO Project
	3204	Sheppard Street	Wyley Street	End	2023	PR - 40mm Mill and Pave	\$ 20,400	
	4186	Wainman Line	Thorburn Road	Warminster Road	2023	REC - Dbl ST on 150mm A	\$ 652,309	
	3856A	Wainman Line	Foxmead Road	Thorburn Road	2023	REC - Dbl ST on 150mm A	\$ 597,419	
	3856B	Wainman Line	Foxmead Road	Thorburn Road	2023	REC - Dbl ST on 150mm A	\$ 56,698	
	4500	Brodie Drive	Burnside Line	Antonio Court	2024	REC - 90mm HMA on 150mm A	\$ 78,825	
	4488A	Brodie Drive	Antonio Court	Carlyon Line	2024	REC - 90mm HMA on 150mm A	\$ 382,141	
	4191	Carlyon Line	Division Road East	J V Parkway	2024	REC - 90mm HMA on 150mm A	\$ 130,951	
	4282	Carlyon Line	J V Parkway	Ryerson Boulevard	2024	REC - 90mm HMA on 150mm A	\$ 207,853	
		Carlyon Line	Ryerson Boulevard	Clearview Drive	2024	REC - 90mm HMA on 150mm A	\$ 29,738	
	4107A	Carlyon Line	Division Road East	0.6km North of Division Road East	2024	REC - 90mm HMA on 150mm A	\$ 145,126	
	4341A	Carlyon Line	Clearview Drive	Brodie Drive	2024	REC - 90mm HMA on 150mm A	\$ 147,122	
	3211	Foxmead Road	Burnside Line	Uhthoff Line	2024	REC - 70mm HMA on 100mm A	\$ 298,614	
	3325		Uhthoff Line	Balkwill Line	2024	REC - 70mm HMA on 100mm A	\$ 325,837	
	3526	Foxmead Road	Balkwill Line	Wainman Line	2024	REC - Dbl ST on 150mm A	\$ 31,044	
	3526	Foxmead Road	Balkwill Line	Wainman Line	2024	REC - Dbl ST on 150mm A	\$ 180,744	
	3660A	Foxmead Road	Wainman Line	Town Line	2024	REC - Dbl ST on 150mm A	\$ 116,825	
	3660B	Foxmead Road		Town Line	2024	REC - Dbl ST on 150mm A	\$ 85,638	
	3217	Sheppard Street	John Street	Wyley Street	2024	PR - 40mm Mill and Pave	\$ 23,948	
	3893	· · · · · · · · · · · · · · · · · · ·		Overpass	2024	PR - 40mm Mill and Pave	\$ 43,722	
	3941		Overpass	Overpass	2024	PR - 40mm Mill and Pave	\$ 43,157	
	3960 3860	Soules Road / Telford Line Overpass Telford Line	Overpass Stockdale Road	Overpass Rimkov Crossont	2024 2024	PR - 40mm Mill and Pave	\$ 41,372 \$ 26,979	
	3860	Telford Line		Rimkey Crescent Rimkey Crescent	2024	REC - Dbl ST on 150mm A REC - Dbl ST on 150mm A	\$ 26,979	
	21656	Telford Line		Soules Road / Telford Line Overpass	2024	REC - 90mm HMA on 150mm A	\$ 179,786	
	21030	Tellord Lille	Rimkey Crescent	Soules Road / Tellord Line Overpass	2024	REC - 9011111 HIVIA 011 130111111 A	3 179,786	
	3887A	Telford Line	Centre Avenue	Telford Line On-Ramp to Highway 11 South	2024	REC - 90mm HMA on 150mm A	\$ 13,017	
	4490	Wainman Line	Marchmont Road	Riverwood Lane	2024	REC - 90mm HMA on 150mm A	\$ 82,561	
	4538	Wainman Line	Riverwood Lane	Carriage Court	2024	REC - 90mm HMA on 150mm A	\$ 82,561	
	4557	Wainman Line	Carriage Court	Surrey Crescent	2024	REC - 90mm HMA on 150mm A	\$ 124,071	
	4605	Wainman Line	-	Division Road West	2024	REC - 90mm HMA on 150mm A	\$ 101,498	
	4684	Wainman Line	·	Birkeshire Woods Lane	2024	PR - 40mm Mill and Pave	\$ 86,783	
	4753	Wainman Line	Birkeshire Woods Lane	Confederation Drive	2024	PR - 40mm Mill and Pave	\$ 52,440	
	4803	Wainman Line	Confederation Drive	Ridley Boulevard	2024	PR - 40mm Mill and Pave	\$ 37,079	
	4954	Wainman Line	Elana Drive	Loretta Avenue	2024	PR - 40mm Mill and Pave	\$ 65,586	
	20743	Wainman Line	Ridley Boulevard	Elana Drive	2024	PR - 40mm Mill and Pave	\$ 32,703	
	4976B	Wainman Line	,	Highway 12	2024	PR - 40mm Mill and Pave	\$ 16,438	
	2488	Agnew Road		Shoreview Drive	2025	REC - 90mm HMA on 150mm A	\$ 444,575	
	2691	Agnew Road	Huffman Road	Grass Lake Line	2025	REC - 90mm HMA on 150mm A	\$ 170,776	
	2840	Agnew Road	Agnew Road	Huffman Road	2025	REC - 90mm HMA on 150mm A	\$ 186,088	
	2945	<u> </u>	•	Agnew Road	2025	REC - 90mm HMA on 150mm A	\$ 198,200	
		-	Highway 11 South Off-Ramp to Agnew Road			20011111	133,200	
	2852B	Agnew Road		Agnew Road	2025	REC - 90mm HMA on 150mm A	\$ 9,403	
	4559	Avery Lane		Gillett Drive	2025	REC - Dbl ST on 150mm A	\$ 35,677	
	4597	Avery Lane	Gillett Drive	Town Line	2025	REC - Dbl ST on 150mm A	\$ 48,862	
	3455	Bayou Road	Cumberland Road	Bayou Road / New Brailey Line Overpass	2025	REC - 90mm HMA on 150mm A	\$ 104,980	
	3471	Bayou Road	Bayou Road / / New Brailey Line Overpass	Grand Tamarack Crescent	2025	REC - 90mm HMA on 150mm A	\$ 114,369	
	3496	Bayou Road		Bell Avenue	2025	REC - 90mm HMA on 150mm A	\$ 84,327	

Source	Segment ID	Road Name	From	То	Treatment Year	Treatment Applied	Estimated Cost	Comments
	3510	Bayou Road	Bell Avenue	Bayou Road	2025	REC - 90mm HMA on 150mm A	\$ 63,889	
	3428B	Bayou Road	Highway 11 North Off-Ramp to Bayou Road North	Cumberland Road	2025	REC - 90mm HMA on 150mm A	\$ 33,375	
	3434	Bayou Road / New Brailey Line Overpass	Overpass	Overpass	2025	PR - 40mm Mill and Pave	\$ 44,932	
	3461	Bayou Road / New Brailey Line Overpass	Overpass	Overpass	2025	PR - 40mm Mill and Pave	\$ 44,402	
	1458	Bond Road	Bond Road On-Ramp to Highway 11 North	End	2025	REC - Dbl ST on 150mm A	\$ 11,257	
		Bona Noad	Highway 11 North Off-Ramp to Bond Road	Liiu	2023	REC - DOI 31 OH 130HIH A	7 11,237	
	1576	Bond Road	North	End	2025	REC - Dbl ST on 150mm A	\$ 37,474	
	1501	Bond Road On-Ramp to Highway 11 North	Overpass	Overpass	2025	REC - Dbl ST on 150mm A	\$ 18,056	
	21169	Fesserton Sideroad	County Road 16	Georgian Heights Boulevard	2025	REC - 90mm HMA on 150mm A	\$ 175,735	
	20573A	Fesserton Sideroad	Georgian Heights Boulevard	Municipal Boundary	2025	REC - 90mm HMA on 150mm A	\$ 44,710	
	4539	Hale Street	Marchmont Road	Avery Lane	2025	REC - Dbl ST on 150mm A	\$ 15,848	
	3533	Hedgemere Landing	Bayou Road	End	2025	REC - Dbl ST on 150mm A	\$ 21,456	
	3229	Lakeside Drive	Knight Avenue	Bramshott Avenue	2025	REC - 90mm HMA on 150mm A	\$ 37,989	
	3243	Lakeside Drive	Pleasant Road	Knight Avenue	2025	REC - 90mm HMA on 150mm A	\$ 38,806	
	3252	Lakeside Drive	Cleveland Avenue	Pleasant Road	2025	REC - 90mm HMA on 150mm A	\$ 39,081	
	3271	Lakeside Drive	Park Road	Cleveland Avenue	2025	REC - 90mm HMA on 150mm A	\$ 41,597	
	3305	Lakeside Drive	Beckett Place	Park Road	2025	REC - 90mm HMA on 150mm A	\$ 52,122	
	3337	Lakeside Drive	Armand Avenue	Beckett Place	2025	REC - 90mm HMA on 150mm A	\$ 54,540	
	4746	Martindale Crescent	Division Road West	End	2025	REC - 90mm HMA on 150mm A	\$ 102,977	
	3363	New Brailey Line	Cambrian Road	Stockdale Road	2025	REC - Dbl ST on 150mm A +	\$ 468,503	
	3373	New Brailey Line	Stockdale Road	Bayou Road / New Brailey Line Overpass	2025	REC - 90mm HMA on 150mm A	\$ 21,635	
	33/3	Ivew Braney Line	Stockdale Road	Bayou Road / New Brailey Life Overpass	2023	REC - SOITHIT THVIA OH 130HIIITA	21,033	
	3389	New Brailey Line	Bayou Road / / New Brailey Line Overpass	Linger Long Place	2025	REC - 90mm HMA on 150mm A	\$ 19,188	
	3412A	Name Desilections	Linear Long Plans	New Brailey Line On-Ramp to Highway 11	2025	DEC. 00 UNA 450 A	4.570	
	2222	New Brailey Line	Linger Long Place	South	2025	REC - 90mm HMA on 150mm A	\$ 4,579	
	3298	West Street	Sturgeon Bay Road	End	2025	PR - 40mm Mill and Pave	\$ 37,650	
	3475	Beachview Avenue	Cumberland Road	Lakeside Drive	2026	REC - 90mm HMA on 150mm A	\$ 126,405	
	3163	Bramshott Avenue	First Street	Highway 11 North Off-Ramp to Bramshott Avenue North	2026	REC - 90mm HMA on 150mm A	\$ 6,668	
	3178		Highway 11 North Off-Ramp to Bramshott					
		Bramshott Avenue	Avenue North	Second Street	2026	REC - 90mm HMA on 150mm A	\$ 31,588	
	3196	Bramshott Avenue	Second Street	Third Street	2026	REC - 90mm HMA on 150mm A	\$ 37,372	
	3214	Bramshott Avenue	Third Street	Lakeside Drive	2026	REC - 90mm HMA on 150mm A	\$ 60,693	
	3160B	Bramshott Avenue On-Ramp to Highway 11 North	Overpass	Overpass	2026	REC - 90mm HMA on 150mm A	\$ 4,305	
	3167	Brick Pond Road	River Street	John Street	2026	REC - 90mm HMA on 150mm A	\$ 92,671	
	3193	Brick Pond Road	John Street	Earls Court	2026	REC - 90mm HMA on 150mm A	\$ 127,093	
	4587	Carriage Court	Wainman Line	Surrey Crescent	2026	REC - 90mm HMA on 150mm A	\$ 129,720	
	4664	Carriage Court	Surrey Crescent	Division Road West	2026	REC - 90mm HMA on 150mm A	\$ 184,315	
	3390	Community Centre Drive	Coldwater Road	Community Centre Drive	2026	REC - 90mm Full Depth and Pave	\$ 28,140	
	3407	Community Centre Drive	Community Centre Drive	End	2026	REC - 90mm Full Depth and Pave	\$ 14,673	
	3465	Coronation Avenue	Cumberland Road	Lakeside Drive	2026	REC - 90mm HMA on 150mm A	\$ 126,634	
	3192	Earls Court	Wyley Street	End	2026	REC - Dbl ST on 150mm A	\$ 9,559	
			Bramshott Avenue On-Ramp to Highway 11			23.3. 5 230111171	. 3,333	
	3159	First Street	North	Turnbull Drive	2026	REC - 90mm Full Depth and Pave	\$ 35,292	
	4120	Forest Wood Drive	Holcroft Road	End	2026	REC - 70mm HMA on 100mm A	\$ 98,276	
	4239	Forest Wood Drive	Holcroft Road	Huronia Road	2026	REC - 70mm HMA on 100mm A	\$ 172,180	
	1272	Green River Drive	Coopers Falls Road (County Road 52)	End	2026	REC - 70mm HMA on 100mm A	\$ 300,348	
	1431	Hamilton Street	Muskoka Street	Hepinstall Landing	2026	REC - 90mm HMA on 150mm A	\$ 61,306	
	1451	Hamilton Street	County Road 169	Muskoka Street	2026	REC - 90mm HMA on 150mm A	\$ 123,338	
	1400	Highway 11 North Off-Ramp to Bramshott	County Hour 103	IN SAONA STICCE	2020	NEC JOHN HIVA OH IJOHNI A	7 123,338	
	3164B	Avenue North	Overpass	Overpass	2026	REC - 90mm HMA on 150mm A	\$ 6,875	
	3140B	Highway 11 North Off-Ramp to Turnbull Drive North	Overpass	Overpass	2026	REC - 90mm Full Depth and Pave	\$ 1,954	
	4192	Holcroft Road	Forest Wood Drive	End	2026	REC - 70mm HMA on 100mm A	\$ 96,477	
	3318	Michael Anne Drive	Gray Street	Coldwater Road	2026	REC - 90mm Full Depth and Pave	\$ 90,477	
	3318	Narrows Road	Russell Drive	Rockcliffe Court	2026	REC - 90mm Full Depth and Pave	\$ 47,395	
	399	Ivaliows noau	INUSSEII DITVE	INOCKCITTE COULT	2020	VEC - DOLDE OU TOURING W	/5,943	

Source	Segment ID	Road Name	From	То	Treatment Year	Treatment Applied	Estimated Cost	Comments
	580	Narrows Road	Saint Amant Road	Russell Drive	2026	REC - Dbl ST on 150mm A	\$ 35,296	
	580	Narrows Road	Saint Amant Road	Russell Drive	2026	REC - Dbl ST on 150mm A	\$ 268,160	
	367A	Narrows Road	Rockcliff Court	117m East of Pilkington Lane	2026	REC - Dbl ST on 150mm A	\$ 5,800	
	580A	Narrows Road	Saint Amant Road	Russell Drive	2026	REC - Dbl ST on 150mm A	\$ 92,437	
	580B	Narrows Road	Saint Amant Road	Russell Drive	2026	REC - Dbl ST on 150mm A	\$ 35,296	
	580C	Narrows Road	Saint Amant Road	Russell Drive	2026	REC - Dbl ST on 150mm A	\$ 47,823	
	627A	Narrows Road	Hodgins Road	Saint Amant Road	2026	REC - Dbl ST on 150mm A	\$ 94,359	
	1274	Riverdale Drive	Jean Street	Mary Crescent	2026	REC - 70mm HMA on 100mm A	\$ 40,314	
	1275	Riverdale Drive	Mary Crescent	End	2026	REC - 70mm HMA on 100mm A	\$ 217,104	
	3330	Robinson Street	Coldwater Road	End	2026	REC - 90mm Full Depth and Pave	\$ 11,419	
	372	Rockcliffe Court	Narrows Road	End	2026	REC - Dbl ST on 150mm A	\$ 35,533	
	400	Russell Drive	Narrows Road	End	2026	REC - Dbl ST on 150mm A	\$ 142,497	
	2995	Scarlet Drive	Goldstein Road	Crescent Bay Road	2026	REC - 70mm HMA on 100mm A	\$ 161,965	
	3177	Second Street	Bramshott Avenue	Turnbull Drive	2026	REC - 90mm Full Depth and Pave	\$ 37,899	
	3385	Sheridan Drive	Sturgeon Bay Road	Shaw Street	2026	PR - 40mm Mill and Pave	\$ 70,197	
	3431	Sheridan Drive	Shaw Street	Riverwalk Drive	2026	PR - 40mm Mill and Pave	\$ 29,768	
	20929	Sheridan Drive	Riverwalk Drive	End	2026	PR - 40mm Mill and Pave	\$ 10,488	
	4603	Surrey Crescent	Wainman Line	Carriage Court	2026	REC - 90mm HMA on 150mm A	\$ 163,019	
	3195	Third Street	Bramshott Avenue	Summerhill Way	2026	REC - 90mm Full Depth and Pave	\$ 20,663	
	21751	Third Street	Summerhill Way	Turnbull Drive	2026	REC - 90mm Full Depth and Pave	\$ 20,003	
	21/31	Tillia street	Highway 11 North Off-Ramp to Turnbull Drive	Turribuii Drive	2020	KEC - 3011111 Full Deptil allu Fave	3 19,811	
	3145	Turnbull Drive	North	First Street	2026	REC - 90mm Full Depth and Pave	¢ 19.720	
	24.64			First Street			\$ 18,730	
	3161	Turnbull Drive	First Street	Second Street	2026	REC - 90mm Full Depth and Pave	\$ 24,541	
	3179	Turnbull Drive	Second Street	Third Street	2026	REC - 90mm Full Depth and Pave	\$ 25,336	
	3189	Turnbull Drive	Third Street	Grayshott Drive	2026	REC - 90mm Full Depth and Pave	\$ 37,076	
	3138B	Turnbull Drive On-Ramp to Highway 11 North						
		Drive North	Overpass	Overpass	2026	REC - 90mm Full Depth and Pave	\$ 2,260	
	3205	Wyley Street	Sheppard Street	Earls Court	2026	REC - 90mm HMA on 150mm A	\$ 45,098	
	3234	Wyley Street	Gray Street	Sheppard Street	2026	REC - 90mm HMA on 150mm A	\$ 43,338	
	3353	Cumberland Road	Lakeside Drive	The Lane	2027	REC - 90mm HMA on 150mm A	\$ 26,821	
	3354	Cumberland Road	The Lane	Simcoe Avenue	2027	REC - 90mm HMA on 150mm A	\$ 12,153	
	3365	Cumberland Road	Simcoe Avenue	Azcona Avenue	2027	REC - 90mm HMA on 150mm A	\$ 63,596	
	3376	Cumberland Road	Highview Avenue	Azcona Avenue	2027	REC - 90mm HMA on 150mm A	\$ 64,329	
	3395	Cumberland Road	Lee Avenue	Highview Avenue	2027	REC - 90mm HMA on 150mm A	\$ 62,169	
	3405	Cumberland Road	Lee Avenue	Coronation Avenue	2027	REC - 90mm HMA on 150mm A	\$ 60,493	
	3419	Cumberland Road	Coronation Avenue	Beachview Avenue	2027	REC - 90mm HMA on 150mm A	\$ 60,246	
	3427	Cumberland Road	Bayou Road	Beachview Avenue	2027	REC - 90mm HMA on 150mm A	\$ 61,134	
	3246	Gray Street	John Street	Wyley Street	2027	REC - 90mm Full Depth and Pave	\$ 41,786	
	3256	Gray Street	Craddock Street	John Street	2027	REC - 90mm Full Depth and Pave	\$ 38,691	
	3269	Gray Street	Firehall Lane	Craddock Street	2027	REC - 90mm Full Depth and Pave	\$ 47,593	
	3273	Gray Street	Joseph Street	Firehall Lane	2027	REC - 90mm Full Depth and Pave	\$ 13,457	
	3285	Gray Street	River Street	Michael Anne Drive	2027	REC - 90mm Full Depth and Pave	\$ 22,944	
	17878	Gray Street	Wyley Street	Anderson Line	2027	REC - 90mm Full Depth and Pave	\$ 40,609	
	17878	Gray Street	Wyley Street	Anderson Line	2027	REC - 90mm Full Depth and Pave	\$ 59,852	
	3377	Highview Avenue	Buena Vista Drive	Cumberland Road	2027	REC - 90mm HMA on 150mm A	\$ 67,760	
	3218	John Street	Sheppard Street	Brick Pond Road	2027	REC - 90mm HMA on 150mm A	\$ 146,800	
	3247	John Street	Gray Street	Sheppard Street	2027	PR - 40mm Mill and Pave	\$ 21,621	
	1609	Kinnear Sideroad	Upper Big Chute Road (County Road 17)	Lawson Line	2027	REC - Dbl ST on 150mm A	\$ 204,963	
	2211	Kinnear Sideroad	Lawson Line	Trader Cowan Road	2027	REC - Dbl ST on 150mm A	\$ 216,748	
	3782	Menoke Beach Road	Ardtrea Drive	Amigo Drive	2027	REC - 90mm HMA on 150mm A	\$ 173,992	
	3807	Menoke Beach Road	Amigo Drive	Couchiching Avenue	2027	REC - 90mm HMA on 150mm A	\$ 378,197	
	3875	Menoke Beach Road	Couchiching Avenue	End	2027	REC - 90mm HMA on 150mm A	\$ 180,695	
			Highway 11 North Off-Ramp to Menoke Beach		2021	NEC SOMM THAN ON ISOMM A	100,055	
	3753B	Menoke Beach Road	Road North	Ardtrea Drive	2027	REC - 90mm HMA on 150mm A	\$ 131,507	
	801	Severn Pines Crescent	Coopers Falls Road (County Road 52)	Moynes Road	2027	REC - 70mm HMA on 100mm A	\$ 131,507	
	2652	South Sparrow Lake Road	Cambrian Road	Lake Saint George Boulevard	2027	REC - 70mm HMA on 100mm A REC - 90mm HMA on 150mm A	\$ 183,909	
	2652	South Sparrow Lake Road South Sparrow Lake Road	Lake Saint George Boulevard	Hawkins Drive	2027	REC - 90mm HMA on 150mm A	\$ 147,043	
	2902	South Sparrow Lake ROAU	Lake Sallit George Doulevald	Hawkins Drive	2027	KEC - 90IIIIII HIVIA ON 150MM A	3 3/3,105	
	2919							

Source Segmen	t ID Road Name	From	То	Treatment Year	Treatment Applied	Estimated Cost	Comments
2944	South Sparrow Lake Road	Sparrow Lake Road / / Goldstein Road Overpass	Agnew Road	2027	REC - 90mm HMA on 150mm A	\$ 26,498	
4576	·	0.2km South of Warminster Road	Marchmont Road	2027	REC - 90mm HMA on 150mm A	\$ 623,364	
4598		Marchmont Road	Avery Lane	2027	REC - 90mm HMA on 150mm A	\$ 38,572	
4632	Town Line	Avery Lane	Millwood Road	2027	REC - 90mm HMA on 150mm A	\$ 81,765	
21139	Town Line	Warminster Road	0.2km South of Warminster Road	2027	REC - 90mm HMA on 150mm A	\$ 67,403	
4657B	Town Line	Millwood Road	Highway 12	2027	REC - 90mm HMA on 150mm A	\$ 83,850	
2133	Trader Cowan Road	Twin Oaks Crescent	Tay Bay Road	2027	REC - Dbl ST on 150mm A	\$ 60,380	
2212	Trader Cowan Road	Kinnear Sideroad	Twin Oaks Crescent	2027	REC - Dbl ST on 150mm A	\$ 17,790	
752	Wasdell Falls Road	Claresbridge Lane	Coopers Falls Road (County Road 52)	2027	REC - 70mm HMA on 100mm A	\$ 211,068	
3806	Couchiching Avenue	Menoke Beach Road	Wood Avenue	2028	PR - 40mm Mill and Pave	\$ 10,462	
21260	Couchiching Avenue	West Intersection with Wood Avenue	East Intersection with Wood Avenue	2028	PR - 40mm Mill and Pave	\$ 34,541	
3292	Sturgeon Bay Road	River Street	Eplett Street	2028	PR - 40mm Mill and Pave	\$ 18,439	
3293	Sturgeon Bay Road	Eplett Street	Charles Street	2028	PR - 40mm Mill and Pave	\$ 2,676	
3296		Charles Street	Bush Street	2028	PR - 40mm Mill and Pave	\$ 14,981	
3297		Bush Street	West Street	2028	PR - 40mm Mill and Pave	\$ 3,695	
3307	<u> </u>	West Street	Sheridan Drive	2028	PR - 40mm Mill and Pave	\$ 30,169	
3335A	Ŭ,	Sheridan Drive	60m West of Sheridan Drive	2028	PR - 40mm Mill and Pave	\$ 10,200	
3335C		270m East of County Road 16	County Road 16	2028	PR - 40mm Mill and Pave	\$ 39,664	
4309A		Foxmead Road	Warminster Road	2028	REC - 90mm HMA on 150mm A	\$ 204,380	
4309B		Foxmead Road	Warminster Road	2028	REC - 90mm HMA on 150mm A	\$ 1,892,309	
3174		Grayshott Drive	Goldstein Road	2028	REC - 90mm HMA on 150mm A	\$ 352,763	
3767		Point Corazza Vista	End	2028	REC - 90mm HMA on 150mm A	\$ 19,217	
3799A		Couchiching Avenue	0.1km North of Couchiching Avenue	2028	REC - 90mm HMA on 150mm A	\$ 24,577	
3799B		0.1km North of Couchiching Avenue	Point Corazza Vista	2028	REC - 90mm HMA on 150mm A	\$ 184,714	
3556		Cambrian Road	Stockdale Road	2029	REC - Dbl ST on 150mm A	\$ 43,528	
3556		Cambrian Road	Stockdale Road Cambrian Road	2029	REC - Dbl ST on 150mm A	\$ 407,688	
3067B	Brennan Line	Maple Valley Road	Cambrian Road	2029	REC - Dbl ST on 150mm A	\$ 341,493	
3721B	Brennan Line	Stockdale Road	Brennan Line On-Ramp to Highway 11 South	2029	REC - Dbl ST on 150mm A	\$ 140,580	
4768	Confederation Drive	Wainman Line	Kensington Place	2029	REC - 90mm HMA on 150mm A	\$ 47,638	
4812	Confederation Drive	Kensington Place	Pine Avenue	2029	REC - 90mm HMA on 150mm A	\$ 90,326	
4857	Confederation Drive	Pine Avenue	Ridley Boulevard	2029	REC - 90mm HMA on 150mm A	\$ 82,846	
4866	Confederation Drive	Ridley Boulevard	Elana Drive	2029	PR - 40mm Mill and Pave	\$ 23,421	
4766	Dunford Drive	Division Road West	Hawley Road	2029	REC - 70mm HMA on 100mm A	\$ 38,501	
4786	Dunford Drive	Hawley Road	End	2029	REC - 70mm HMA on 100mm A	\$ 24,812	
4785	·	Dunford Drive	End	2029	REC - 70mm HMA on 100mm A	\$ 30,266	
4502		Lewis Lane	Marchmont Road	2029	REC - 70mm HMA on 100mm A	\$ 53,786	
19058		Providence Lane	End	2029	REC - 70mm HMA on 100mm A	\$ 34,852	
17838	Lewis Lane	Hume Street	End	2029	REC - 70mm HMA on 100mm A	\$ 24,303	
174678	Reservoir Road	0.2km North of Reservoir Road On-Ramp to Highway 400 South	End	2029	REC - Dbl ST on 150mm A	\$ 19,600	
47.467.6		Reservoir Road On-Ramp to Highway 400	0.2km North of Reservoir Road On-Ramp to				
174670	Reservoir Road	South	Highway 400 South	2029	REC - Dbl ST on 150mm A	\$ 109,823	
4897	Uhthoff Line	Division Road West	2.46km South of Division Road West	2029	REC - 90mm HMA on 150mm A	\$ 119,970	
4897	Uhthoff Line	Division Road West	2.46km South of Division Road West	2029	REC - 90mm HMA on 150mm A	\$ 717,909	
20721		2.46km South of Division Road West	Municipal Boundary	2029	REC - 90mm HMA on 150mm A	\$ 189,305	
3629		Bayou Road	Westshore Crescent (Loop)	2029	REC - 90mm HMA on 150mm A	\$ 16,033	
3646		Westshore Crescent (Loop)	Westshore Crescent	2029	REC - 90mm HMA on 150mm A	\$ 285,285	
3779		Dunlop Drive	Reservoir Road	2029	REC - Dbl ST on 150mm A	\$ 162,079	
3809B		Reservoir Road	Steeles Line	2029	REC - Dbl ST on 150mm A	\$ 78,951	
3157		Goldstein Road	End	2030	REC - Dbl ST on 150mm A	\$ 26,475	
4098		North Intersection with Burnside Line	South Intersection with Burnside Line	2030	REC - Dbl ST on 150mm A	\$ 187,050	
4216	·	Burnside Line	End	2030	REC - Dbl ST on 150mm A	\$ 47,464	
911	Brady Drive	Severn Street	Coopers Falls Road (County Road 52)	2030	REC - 90mm HMA on 150mm A	\$ 357,006	
920	Brady Drive	Coopers Falls Road (County Road 52)	Highway 11 North	2030	REC - 90mm HMA on 150mm A	\$ 59,014	
928		Highway 11 South	Canal Road	2030	REC - 90mm HMA on 150mm A	\$ 191,505	
3201	Brooks Lane (Pvt.)	Non-Applicable	Non-Applicable	2030	REC - 90mm HMA on 150mm A	\$ 26,164	

			From	То	Treatment Year	Treatment Applied	Estimated Cost	Comments
	3013	Goldstein Road	Scarlet Drive	Sparrow Lake Road / Goldstein Road Overpass	2030	REC - 90mm HMA on 150mm A	\$ 37,758	
	3022	Goldstein Road	Sparrow Lake Road / / / Goldstein Road Overpass	Grand Forest Trail	2030	REC - 90mm HMA on 150mm A	\$ 19,940	
	3114	Goldstein Road	Grand Forest Trail	Turnbull Drive	2030	REC - 90mm HMA on 150mm A	\$ 275,060	
	3143	Goldstein Road	Turnbull Drive	Aldershott Place	2030	REC - Dbl ST on 150mm A	\$ 58,276	
		- Colustelli Nodu	Highway 11 North Off-Ramp to Goldstein	/ Hacishott Face	2000	NEC BEIST ON ISOMMIT	Ş 35,275	
ļ	2996B	Goldstein Road	Road North	Scarlet Drive	2030	REC - 90mm HMA on 150mm A	\$ 42,785	
	3207	Grayshott Drive	Lunge Point Lane	End	2030	REC - 90mm HMA on 150mm A	\$ 81,396	
	3216A	Grayshott Drive	Brooks Lane	0.1km East of Brooks Lane	2030	REC - 90mm HMA on 150mm A	\$ 24,002	
	3216B	Grayshott Drive	0.1km East of Brooks Lane	Lunge Point Lane	2030	REC - 90mm HMA on 150mm A	\$ 211,670	
	2651	Lake Saint George Boulevard	South Sparrow Lake Road	End	2030	REC - 90mm HMA on 150mm A	\$ 262,843	
	3029	Sparrow Lake Road / Goldstein Road	Overpass	Overpass	2030	PR - 40mm Mill and Pave	\$ 48,182	
	2936A	Sparrow Lake Road / Goldstein Road	Overpass	Overpass	2030	PR - 40mm Mill and Pave	\$ 1,593	
	2936B	Sparrow Lake Road / Goldstein Road	Overpass	Overpass	2030	PR - 40mm Mill and Pave	\$ 56,153	
	3020A	Sparrow Lake Road / Goldstein Road	Overpass	Overpass	2030	REC - 90mm HMA on 150mm A	\$ 8,692	
	3020B	Sparrow Lake Road / Goldstein Road	Overpass	Overpass	2030	REC - 90mm HMA on 150mm A	\$ 6,412	
	3023A	Sparrow Lake Road / Goldstein Road	Overpass	Overpass	2030	REC - 90mm HMA on 150mm A	\$ 9,125	
	2631	Telford Line	Maple Valley Road	End	2030	REC - Dbl ST on 150mm A	\$ 233,779	
	3173	Telford Line	Maple Valley Road	Cambrian Road	2030	REC - Dbl ST on 150mm A	\$ 448,293	
	3681	Telford Line	Cambrian Road	Stockdale Road	2030	REC - Dbl ST on 150mm A	\$ 449,951	
	3726	Thorburn Road	Burnside Line	Uhthoff Line	2030	REC - Dbl ST on 150mm A	\$ 199,951	
	3786	Thorburn Road	Uhthoff Line	Fairgrounds Road	2030	REC - Dbl ST on 150mm A	\$ 201,198	
	3855	Thorburn Road	Fairgrounds Road	Wainman Line	2030	REC - Dbl ST on 150mm A	\$ 209,396	
	794	Trent Trail	Trent Trail	End	2030	REC - 90mm HMA on 150mm A	\$ 134,297	
	864	Trent Trail	Canal Road	Trent Trail	2030	REC - 90mm HMA on 150mm A	\$ 96,698	
	3017				2031		\$ 299,428	
	3467	Carlyon Line	Jermey Road Maple Valley Road	Maple Valley Road Cambrian Road	2031	PR - Dbl Surface Treatment	\$ 280,080	
	3828	Carlyon Line	·			PR - Dbl Surface Treatment	<u> </u>	
		Carlyon Line	Cambrian Road	Stockdale Road	2031	PR - Dbl Surface Treatment	\$ 279,770	
	1659A	Carlyon Line	Swift Rapids Road	Jermey Road Stockdale Road	2031 2031	PR - Dbl Surface Treatment PR - Dbl Surface Treatment	\$ 73,776 \$ 242,895	
	4107B	Carlyon Line	0.6km North of Division Road East					
	3773	Hampshire Mills Line	Cambrian Road	Stockdale Road	2031	REC - Dbl ST on 150mm A	\$ 449,594	
	4044	Hampshire Mills Line	Division Road East	Penley Road	2031	REC - Dbl ST on 150mm A	\$ 42,309 \$ 169,911	
	4012A	Hampshire Mills Line	Division Road East	1km North of Division Road East	2031	REC - Dbl ST on 150mm A	Ψ 105/511	
	4012B 4086B	Hampshire Mills Line	1km North of Division Road East	Stockdale Road Hampshire Mills Line On-Ramp to Highway 11	2031	REC - Dbl ST on 150mm A	\$ 246,578	
		Hampshire Mills Line	Hampshire Mills Line	South	2031	REC - Dbl ST on 150mm A	\$ 66,882	
	3492	Stockdale Road	Ego Sideroad	New Brailey Line	2031	REC - 90mm HMA on 150mm A	\$ 294,093	
	3555	Stockdale Road	Brennan Line	Ego Sideroad	2031	REC - 90mm HMA on 150mm A	\$ 215,999	
	3680	Stockdale Road	Telford Line	Brennan Line	2031	REC - 90mm HMA on 150mm A	\$ 484,826	
	3827	Stockdale Road	Carlyon Line	Hampshire Mills Line	2031	REC - Dbl ST on 150mm A	\$ 208,525	
	3527	Wainman Line	Mount Stephen Road	Foxmead Road	2031	REC - Dbl ST on 150mm A	\$ 807,869	
	3366	Azcona Avenue	Buena Vista Drive	Cumberland Road	2032	REC - 90mm HMA on 150mm A	\$ 69,704	
	3387	Azcona Avenue	Cumberland Road	The Lane	2032	REC - 90mm HMA on 150mm A	\$ 35,850	
	3489	Beachview Avenue	Bell Avenue	Lakeside Drive	2032	REC - 90mm HMA on 150mm A	\$ 18,010	
	3495	Bell Avenue	Bayou Road	Beachview Avenue	2032	REC - 90mm HMA on 150mm A	\$ 33,412	
	3119	Burnside Line	Maple Valley Road	Foxmead Road	2032	REC - Dbl ST on 150mm A	\$ 46,629	
	3580	Burnside Line	Foxmead Road	Thorburn Road	2032	REC - 70mm HMA on 100mm A	\$ 645,762	
	3092A	Burnside Line	Maple Valley Road	0.43km North of Maple Valley Road	2032	REC - Dbl ST on 150mm A	\$ 44,075	
	3312	Coldwater Road	Gray Street	Mill Street	2032	REC - 90mm HMA on 150mm A	\$ 54,154	
	3319	Coldwater Road	Mill Street	Michael Anne Drive	2032	REC - 90mm HMA on 150mm A	\$ 10,671	
	3331	Coldwater Road	Michael Anne Drive	Robinson Street	2032	REC - 90mm HMA on 150mm A	\$ 18,499	
	3378	Coldwater Road	Robinson Street	Community Centre Drive	2032	REC - 90mm HMA on 150mm A	\$ 31,857	
	3378	Coldwater Road	Robinson Street	Community Centre Drive	2032	REC - 90mm HMA on 150mm A	\$ 33,172	
	3448	Coldwater Road	Community Centre Drive	Gill Street	2032	REC - 90mm HMA on 150mm A	\$ 100,390	
	3550A	Coldwater Road	Gill Street	Southorn Road	2032	REC - 90mm HMA on 150mm A	\$ 187,898	
	3418	Highview Avenue	Cumberland Road	The Lane	2032	REC - 90mm HMA on 150mm A	\$ 64,678	
	3424	Highview Avenue	The Lane	Lakeside Drive	2032	REC - 90mm HMA on 150mm A	\$ 21,439	

Source	Segment ID	Road Name	From	То	Treatment Year	Treatment Applied	Estimated Cost	Comments
	3423	Lakeside Drive	Highview Avenue	Cumberland Road	2032	REC - 90mm HMA on 150mm A	\$ 121,097	
	3445	Lakeside Drive	Lee Avenue	Highview Avenue	2032	REC - 90mm HMA on 150mm A	\$ 40,329	
	3464	Lakeside Drive	Coronation Avenue	Lee Avenue	2032	REC - 90mm HMA on 150mm A	\$ 37,716	
	3488	Lakeside Drive	Beachview Avenue	Coronation Avenue	2032	REC - 90mm HMA on 150mm A	\$ 48,416	
	3446	Lee Avenue	Cumberland Road	Lakeside Drive	2032	REC - 90mm HMA on 150mm A	\$ 107,994	
	3091	Maple Valley Road	Burnside Line	Carlyon Line	2032	REC - Dbl ST on 150mm A	\$ 226,434	
	3162	River Street	Brick Pond Road	Upper Big Chute Road (County Road 17)	2032	REC - 90mm HMA on 150mm A	\$ 82,610	
	3221	River Street	Lynch Street	Brick Pond Road	2032	REC - 90mm HMA on 150mm A	\$ 128,832	
	3260	River Street	Harriet Street	Lynch Street	2032	REC - 90mm HMA on 150mm A	\$ 75,674	
	3286	River Street	Gray Street	Harriet Street	2032	REC - 90mm HMA on 150mm A	\$ 14,392	
	3286	River Street	Gray Street	Harriet Street	2032	REC - 90mm HMA on 150mm A	\$ 33,187	
	511	Saint Amant Road	Baguley Road	Kellys Road	2032	REC - Dbl ST on 150mm A	\$ 36,582	
	749	Saint Amant Road	Quarry Road	Narrows Road	2032	REC - Dbl ST on 150mm A	\$ 379,946	
	581A	Saint Amant Road	Narrows Road	Baguley Road	2032	REC - Dbl ST on 150mm A	\$ 159,815	
	581B	Saint Amant Road	Narrows Road	Baguley Road	2032	REC - Dbl ST on 150mm A	\$ 68,656	
	24.02		Highway 11 South Off-Ramp to Agnew / / /					
	2102	Shoreview Drive	Shoreview South	Fawcett Road	2032	REC - 90mm HMA on 150mm A	\$ 144,585	
	2222	Shoreview Drive	McClelland Road	Anchor Drive	2032	REC - 90mm HMA on 150mm A	\$ 63,013	
	2276	Shoreview Drive	Anchor Drive	Sandcastle Court	2032	REC - 90mm HMA on 150mm A	\$ 52,977	
	2277	Shoreview Drive	East Intersection with Sandcastle Court	West Intersection with Sandcastle Court	2032	REC - 90mm HMA on 150mm A	\$ 14,852	
	2392	Shoreview Drive	Sandcastle Court	Treeline Drive	2032	REC - 90mm HMA on 150mm A	\$ 114,198	
				Shoreview Drive On-Ramp to Highway 11				
	2405A	Shoreview Drive	Treeline Drive	North	2032	REC - 90mm HMA on 150mm A	\$ 21,316	
				Shoreview Drive On-Ramp to Highway 11			7	
	2405B	Shoreview Drive	Treeline Drive	North	2032	REC - 90mm HMA on 150mm A	\$ 14,379	
							- 1,0.0	
	2023A	Shoreview Drive (Overpass over Highway 11)	Fawcett Road	McClelland Road	2032	REC - 90mm HMA on 150mm A	\$ 14,684	
		energies entre (everpass ever inginia) 117	, and continued	Westerland Head	1001	N20 3011111111111111111111111111111111111	Ţ 1,000 .	
	2023C	Shoreview Drive (Overpass over Highway 11)	Fawcett Road	McClelland Road	2032	REC - 90mm HMA on 150mm A	\$ 16,686	
	3386	The Lane	Azcona Avenue	Cumberland Road	2032	REC - 90mm HMA on 150mm A	\$ 56,226	
	3417	The Lane	Highview Avenue	Azcona Avenue	2032	REC - 90mm HMA on 150mm A	\$ 46,465	
	3781	Amigo Drive	Menoke Beach Road	End	2033	REC - 90mm HMA on 150mm A	\$ 583,414	
	3530	Bayou Road	Bayou Road	Shadow Creek Road	2033	REC - 90mm HMA on 150mm A	\$ 66,205	
	3330	Bayou Nodu	Bayou noud	Shadow creek Noda	2033	NEC SOMMITTIVIA ON ISOMMIA	Ç 00,203	
	3594	Bayou Road	North Intersection with Shadow Creek Road	South Intersection with Shadow Creek Road	2033	REC - 90mm HMA on 150mm A	\$ 237,356	
	3628	Bayou Road	Shadow Creek Road	Westshore Crescent	2033	REC - 90mm HMA on 150mm A	\$ 104,895	
	3645	Bayou Road	Westshore Crescent	End	2033	REC - 90mm HMA on 150mm A	\$ 33,246	
	3067A	·		Cambrian Road	2033	PR - 40mm Mill and Pave	\$ 33,246	
		Brennan Line	Maple Valley Road				· · · · · · · · · · · · · · · · · · ·	
	2939	Cambrian Road	New Brailey Line	Nichols Line	2033	PR - 40mm Mill and Pave	\$ 218,220	
	3066	Cambrian Road	Brennan Line	New Brailey Line	2033	PR - 40mm Mill and Pave	\$ 247,594	
	2674	Cox Drive	Huffman Road	End	2033	REC - 90mm HMA on 150mm A	\$ 130,905	
	2785	Cox Drive	Huffman Road	End	2033	REC - 90mm HMA on 150mm A	\$ 142,251	
	2882	Crescent Bay Road	Crescent Bay Road	Picadilly Lane	2033	REC - Dbl ST on 150mm A	\$ 57,784	
	2998	Crescent Bay Road	Crescent Bay Road	End	2033	REC - Dbl ST on 150mm A	\$ 108,010	
	4358	Drinkwater Drive	Cunningham Crescent	Wilson Point Road	2033	REC - 90mm HMA on 150mm A	\$ 138,966	
	4376	Drinkwater Drive	Cunningham Crescent	End	2033	REC - 90mm HMA on 150mm A	\$ 54,925	
	4061	Fairgrounds Road	Fairgrounds Road	Warminster Road	2033	REC - Dbl ST on 150mm A	\$ 42,716	
	4059A	Fairgrounds Road	Fairgrounds Road	0.9km North of Fairgrounds Road	2033	REC - Dbl ST on 150mm A	\$ 86,651	
	19172	Fawn Lane	Fairgrounds Road	Pine Valley Lane	2033	PR - 40mm Mill and Pave	\$ 24,674	
	19173	Fawn Lane	Pine Valley Lane	Osprey Lane	2033	PR - 40mm Mill and Pave	\$ 74,075	
	2692	Huffman Road	Cox Drive	Agnew Road	2033	REC - 90mm HMA on 150mm A	\$ 133,424	
	3557	Leisure Court	Leisure Court	Southorn Road	2033	REC - Dbl ST on 150mm A	\$ 54,388	
	3558	Leisure Court	Southorn Road	Woodland Place	2033	REC - Dbl ST on 150mm A	\$ 34,391	
	19169	Osprey Lane	Fairgrounds Road	Pine Valley Lane	2033	PR - 40mm Mill and Pave	\$ 39,231	
	19170	Osprey Lane	Pine Valley Lane	Fawn Lane	2033	PR - 40mm Mill and Pave	\$ 44,071	
	19171	Osprey Lane	Fawn Lane	End	2033	PR - 40mm Mill and Pave	\$ 30,887	
	19181	Pine Valley Lane	Fawn Lane	Osprey Lane	2033	PR - 40mm Mill and Pave	\$ 68,033	
	530	Port Stanton Parkway	Torpitt Road	Wild Echo Lodge Lane	2033	REC - Dbl ST on 150mm A	\$ 68,705	
	544	Port Stanton Parkway	Wild Echo Lodge Lane	Stanton House Lane	2033	REC - Dbl ST on 150mm A	\$ 187,469	

Source	Segment ID	Road Name	From	То	Treatment Year	Treatment Applied	Estimated Cost	Comments
	564	Port Stanton Parkway	Port Stanton Parkway	Stanton House Lane	2033	REC - Dbl ST on 150mm A	\$ 94,751	
	572	Port Stanton Parkway	Welsh Bay Lane	South Sparrow Lake Road	2033	REC - Dbl ST on 150mm A	\$ 16,478	
	19251	Port Stanton Parkway	Stanton House Lane	Welsh Bay Lane	2033	REC - Dbl ST on 150mm A	\$ 10,056	
	4365	Uhthoff Line	Warminster Road	Division Road West	2033	REC - Dbl ST on 150mm A	\$ 450,539	
	3999	Warminster Road	Uhthoff Line	Burnside Line	2033	REC - Dbl ST on 150mm A	\$ 195,727	
	4060	Warminster Road	Fairgrounds Road	Uhthoff Line	2033	REC - Dbl ST on 150mm A	\$ 161,699	
	4185	Warminster Road	Wainman Line	Fairgrounds Road	2033	REC - Dbl ST on 150mm A	\$ 218,352	
	4310	Warminster Road	Town Line	Wainman Line	2033	REC - Dbl ST on 150mm A	\$ 203,762	
	4333	Wilson Point Road	Drinkwater Drive	Wilson Point Road South	2033	REC - 90mm HMA on 150mm A	\$ 585,102	
	3574	Woodland Place	Leisure Court	End	2033	REC - Dbl ST on 150mm A	\$ 23,771	
Total							\$ 38,510,959	5

