



REPORT

2022 Comprehensive Road Needs Study

Submitted to:

The Corporation of The Township of South Frontenac

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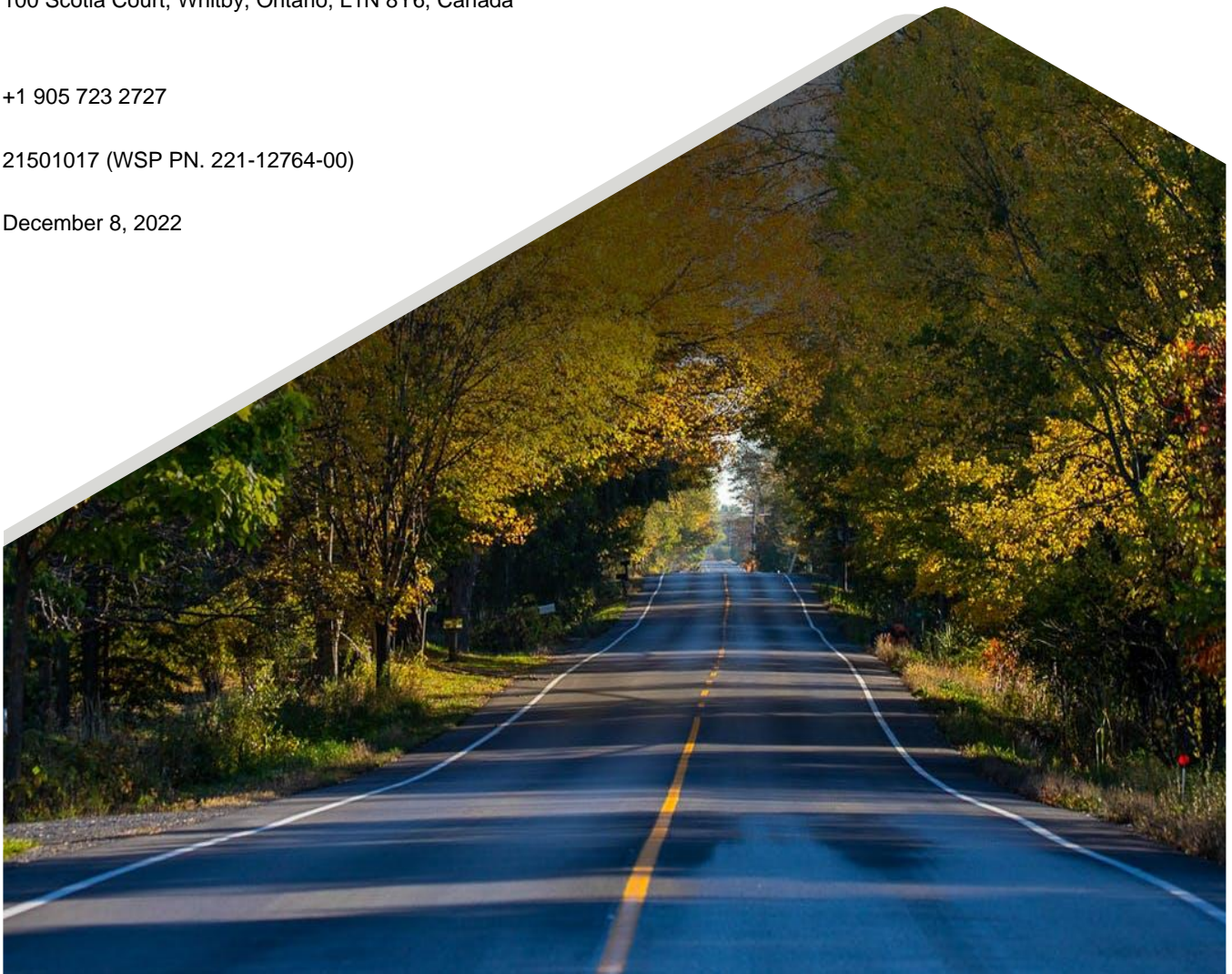
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Distribution List

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EXECUTIVE SUMMARY

This report presents the results of a Comprehensive Road Needs Study (Study) carried out for The Corporation of The Township of South Frontenac (Township), Ontario, in April 2022. The purpose of the Study is to provide the Township with the timing and estimates for major and minor rehabilitation strategies for immediate needs, 1 to 5 year and 6 to 10 year horizons. Visual pavement condition surveys were carried out on all the Township's roadways in accordance with current Ministry of Transportation Ontario (MTO) practices. Pavement Condition Indices (PCIs) were assigned to each roadway evaluated, and two 10-year capital plans were developed (based on annual budget scenarios provided by the Township) using the DOT™ (Decision Optimization Technology) software. The resulting capital plans include forecasted timelines for preventative maintenance and rehabilitation treatments and provide the recommended preventative maintenance and rehabilitation strategies for each paved road section.

A total of 802 km of the Township roads were assessed. The 2022 average Pavement Condition Index (PCI) of the Hot-Mix Asphalt road network and Surface Treated road network are estimated at 75 and 71 out of a possible 100, indicating a rating described as "Good", while the PCI of the Gravel road network is estimated at 57 out of a possible 100, indicating a rating described as "Fair". The breakdown of road surface types with 2022 Pavement Condition Rating is provided in Table 1.

Table 1: Summary of Road Network Condition by Surface Type

Surface Type	Length (km)	Percentage	2022 PCI	PCI Description
Hot Mix Asphalt	162.4	20	75	Good
Surface Treated	444.0	56	71	Good
Gravel	195.4	24	57	Fair

The two capital plan scenarios have different outcomes for the overall paved road network condition over the analysis period. The first scenario with current Long Term Financial Plan, resulting in a significant improvement to the overall paved road network condition (PCI of 85) over the analysis period. The second 10-year plan scenario results in maintaining the current condition (PCI of 72) with a lower budget than the first scenario 1 over the analysis period.

A gravel roads classification matrix has also been developed for the Township to assist with the prioritization of gravel roads. The matrix is based around 6 main factors, 3 quantitative (AADT, Class/Maintenance Cost, and Current Condition (PCI)) and 3 qualitative (Road Safety/Alignment, Commercial/Heavy Traffic, and Criticality). Each of these factors is weighted based on severity and may be customized further by the Township to suit local conditions as appropriate.

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1.0 INTRODUCTION

The Corporation of the Township of South Frontenac (Township) retained Golder Associates Ltd., a member of WSP, (Golder) to carry out a Comprehensive Roads Needs Study (Study). The purpose of this Study report is to update condition of the Township's roads asset and to provide the Township with the timing and estimates for major and minor rehabilitation strategies for immediate needs, 1 to 5 year and 6 to 10 year horizons. Visual pavement condition surveys were carried out on all the Township's roadways in accordance with current Ministry of Transportation Ontario (MTO) practices listed in Section 2.1.

A Pavement Condition Index (PCI) was assigned to each roadway segment based on a riding condition rating (RCR) and type, severity and extent of distresses referred as Distress Manifestation Index (DMI). The PCI's along with other road network information such as road type (i.e., asphalt, surface treated, gravel, etc.), road lengths and widths, annual average daily traffic (AADT), road environment classifications (i.e., urban, rural, semi-urban), MMS Class, user defined criticalities, etc. are entered into the Decision Optimization Technology (DOT) Roads software to develop optimized rehabilitation treatments. Two optimization scenarios with resulting short term (1-5 year) and long term (6-10 year) capital plans were developed to include forecasted timelines for appropriate preventative maintenance and rehabilitation treatments for paved road network.

This report should be read in conjunction with "*Important Information and Limitations of This Report*" included in **Appendix A**. The reader's attention is specifically drawn to this information, as it is essential for the proper use and interpretation of this report.

1.1 Background Review

The Township provided Golder with the following roads database to support the completion of the 2022 Study:

- 2022 Road Inventory in shapefile (SF_RoadSurface_03242022);
- 2021 Long Range Financial Plan Summary; and
- 2022 Paved Roads Rehabilitation Projects.

Golder communicated with the Township project manager upon reviewing the database to revise the attributes, including new road segments, widths, shared roads, road class, and AADT (where applicable).

2.0 PAVEMENT CONDITION ASSESSMENT

Pavement condition data was collected in April 2022 by Golder's staff. A total of 802 km (centreline) of roads were assessed. A summary of the surface types is provided in Figure 1.

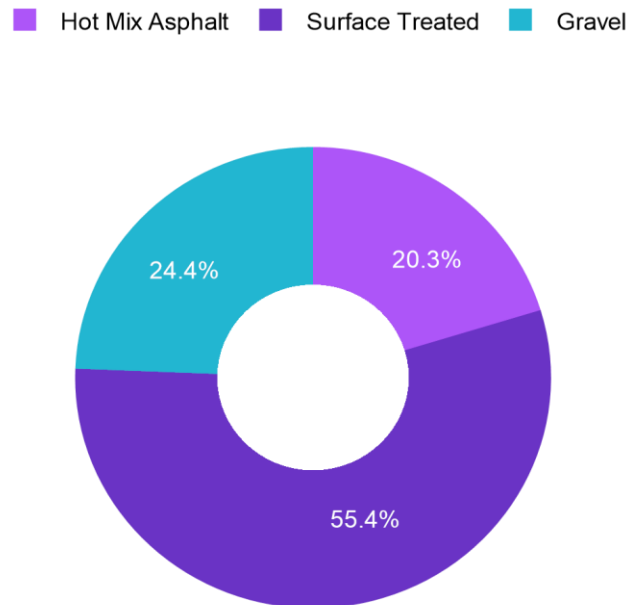


Figure 1: Breakdown of Roadway Surface Types

2.1 Condition Assessment Methodology

The pavement condition assessment, which identified the extent and severity of each specific distress type, was carried out based on MTO methods for the appropriate surface type, as listed in the following references:

- Inventory Manual for Municipal Transportation Networks (Inventory Manual for Municipal Roads, 1991);
- For surface-treated pavements – Chong, G.J., Phang, W.A., and Wrong, G.A. 1989. Manual for Condition Rating of Surface-Treated Pavements, Distress Manifestations, SP-021, Downsview, Ontario: Research and Development Branch, Ministry of Transportation of Ontario; and
- For municipal asphalt pavements – Chong, G.J., Phang, W.A., and Wrong, G.A. 1989. Flexible Pavement Condition Rating, Guidelines for Municipalities, SP-022, Downsview, Ontario: Research and Development Branch, Ministry of Transportation of Ontario;
- For gravel surface roads – Chong, G.J., Phang, W.A., and Wrong, G.A., 1989. Manual for Condition Rating of Gravel Surface Roads, SP-025, Downsview, Ontario: Research and Development Branch, Ministry of Transportation of Ontario.

2.2 Visual Road Condition Assessment

The density and severity of the distresses were identified and recorded for each roadway segment. The types of typical surface distresses on asphalt/surface treated, and gravel roadways are recorded as Distress Manifestation Index (DMI) according to the MTO manuals listed in Section 2.1. DMI values for all road segments assessed in this Study are illustrated in **Appendix C – 2022 South Frontenac Road Inventory**.

A Pavement Condition Index (PCI) was assigned to each roadway segment, based on Riding Condition Rating (RCR) and the Distress Manifestation Index (DMI) which is based on the types, severities and densities of the

distresses observed. The PCI is rated on a scale from 0 to 100, 0 being very poor and 100 being very good. Table 2 and 3 shows a breakdown of PCI values and associated typical pavement descriptions for different pavement surfaces.

Table 2: PCI Descriptions for Paved Roads

PCI*	Description of Condition Rating
85 to 100	Very Good
70 to <85	Good
55 to <70	Fair
40 to <55	Poor
0 to <40	Very Poor

* Golder adapted PCI rating system provided by the Township of South Frontenac.

Table 3: PCI Description for Gravel Roads

PCI*	Description of Condition Rating
80 to 100	Excellent
60 to <80	Good
40 to <60	Fair
20 to <40	Poor
0 to <20	Very Poor

* PCI rating system for Gravel roads is established by Golder engineers based on MTO guidelines and current field practises.

2.3 Riding Condition Rating (RCR)

The RCR is assigned based on the perceived comfort and safety of the ride, while driving at the posted speed. RCR is rated on a scale from 1 to 10, 1 being very poor and 10 being excellent; a breakdown is shown in Table 4, in accordance with MTO manuals listed in Section 2.1. RCR values for all road segments assessed in this Study are illustrated in **Appendix C**.

Table 4: Riding Condition Rating Scale

RCR	Description of Pavement Section
0-2	Very Poor – Uncomfortable ride with constant bumps and depressions. Cannot maintain posted speed and must steer clear constantly to avoid bumps and depressions
2-5	Poor – Uncomfortable ride with frequent bumps and depressions
5-7	Fair – Still comfortable ride with intermittent bumps and depressions
7-9	Good – Smooth ride with just a few bumps and depressions
9-10	Excellent – Very smooth ride

2.4 Pavement Condition Index (PCI)

The overall average condition of the Hot Mix Asphalt roads and Surface Treated were estimated at PCI of 75 and 71 described as “Good”, while gravel roads was estimated at PCI of 57 described as “Fair”. The average PCI’s are weighted on linear kilometer of road network. Road network maps showing the 2022 condition ratings of all road segments assessed in this Study is included in **Appendix B**. The Township Road sections with 2022 condition ratings is provided in **Appendix C** and is presented in three lists categorized by surface type and arranged from higher to lower PCI. Sample copies of condition evaluation forms of Asphalt, Surface Treated and Gravel surfaces are attached in the **Appendix D**.

A breakdown of the conditions and corresponding lengths are presented in Tables 5. The overall average condition rating based on surface type and functional class is presented in Table 6 and on Figures 2 and 3.

Table 5: Summary of Pavement Condition Based on Road Network Length

Condition	Length (km)	Percentage
Poor	103.2	13
Fair	208.5	26
Good	252.3	31
Very Good	237.8	30
Total	801.8	100

Table 6: Average PCI by Surface Type

Surface Type	Average PCI	PCI Description
Hot Mix Asphalt	75	Good
Surface Treated	71	Good
Gravel	57	Fair



Figure 2: Surface Type Condition Status



Figure 3: Functional Class Condition Status

Additional details on network overview are provided in **Appendix E**.

3.0 DATA ANALYSIS AND CAPITAL PLAN

The Decision Optimization Technology (DOT) Roads software was used to facilitate preventative maintenance and rehabilitation budgeting by predicting the deterioration of pavement segments based on a wide range of pavement deterioration curves. Additionally, extensive decision trees, performance models, cost models, life cycle gain and condition improvement matrices covering a wide spectrum of road classifications were used. The modeling capability of the DOT Roads program is based on traffic, surface type, environment class, functional class, and maintenance history.

Utilizing a capital planning tool such as DOT Roads with optimization capability can maximize the overall performance of a network in terms of physical condition (or any other criteria) over a multi-year analysis horizon. It can provide the Township with the best possible course of action in terms of timing and selection of different maintenance, rehabilitation, or reconstruction treatments considering all municipal goals and constraints. It also maximizes the value achieved for the money invested.

It should be noted that the DOT software operates at the *network* level, rather than the *project* level. As such, the lists of projects programmed for each year in the capital plans are intended for budgeting purposes only and do not eliminate the need for further detailed project-level investigations and subsequent closer budgeting of the projects at the detailed design stage.

Two optimization scenarios were analysed based on project annual budgets specified by the Township, as follows:

1. Paved Roads – Long Term Financial Plan.
2. Paved Roads – Maintain Current Condition at PCI of 72.

Unit costs for preventative maintenance and rehabilitation treatments were proposed by Golder and revised by the Township in 2022 (listed in Table 7) which were used in the DOT Roads software for the optimization analysis. This typical unit cost includes labour, material and equipment for each treatment specified below. A list of treatment options accompanying more detailed description is included in **Appendix F**.

Table 7: Proposed Treatment Options with Unit Costs

Treatment Code	Description	Cost/m ² (\$)
Hot Mix Asphalt Roads		
HMA-Crack Seal	Crack Sealing	0.25
HMA-Slurry	Slurry Seal	3.50
HMA-EnhSurf	Enhanced Thin Surfacing (Microsurfacing, Thin HMA Overlay)	4.50
HMA-Enh2Surf	Enhanced Double Thin Surfacing (Cape Seal, Double Microsurfacing)	7.25
HMA-Ovly	One Lift Overlay / Mill and One Lift Overlay	42.58
HMA-2Ovly	Two Lift Overlay / Mill and Two Lift Overlay	85.17
HMA-FDR & 2Ovly	Full Depth Reclamation (FDR) + Two Lift Overlay	89.31
HMA-FDR & EAS & DST	FDR with Emulsion/Expanded Asphalt Stabilization + Double Surface Treatment	26.50
HMA-FDR & EAS & Ovly	FDR with Emulsion/Expanded Asphalt Stabilization + One Lift Overlay	66.24

Treatment Code	Description	
HMA-FDR & EAS & 2Ovly	FDR with Emulsion/Expanded Asphalt Stabilization + Two Lift Overlay	108.83
HMA-FDARR & 2Ovly	Full depth asphalt removal and replacement (Two Lifts HMA)	91.08
HMA-FDARR & 3Ovly	Full depth asphalt removal and replacement (Three Lifts HMA)	133.67
Surface Treated Roads		Cost/m ² (\$)
ST-Slurry	Slurry Seal	3.50
ST-SST	Single Surface Treatment (Chip Seal)	4.00
ST-Ovly	One Lift Overlay / Mill & One Lift Overlay	42.58
ST-FDR & DST	Full Depth Reclamation (FDR) + Double Surface Treatment	14.00
ST-FDR & Ovly	Full Depth Reclamation (FDR) + One lift Overlay	46.72
ST-FDR & 2Ovly	Full Depth Reclamation (FDR) + Two Lift Overlay	89.31
ST-FDR & EAS & ST	FDR with Emulsion/Expanded Asphalt Stabilization + Single Surface Treatment	26.50

3.1 Asphalt and Surface Treated Roads

The recommended treatment options to be carried out over the analysis period consist primarily of full depth reconstruction and routine maintenance.

The following sections present the predicted performance of the Township's paved road network in terms of PCI, over the analysis period of 10 years. The first scenario with the Township Long Term Financial Plan shows an improvement in performance (PCI 85) at year 10 of the analysis, while the second scenario results in maintaining current condition (PCI of 72) with a lower budget to complete recommended treatments.

The Township's 2022 completed projects for rehabilitations were incorporated in the 10-year capital plans for this Study.

3.1.1 Scenario 1 (Paved Roads) – Long Term Financial Plan

The yearly predicted performance results for Township's Long-Term Plan with annual budget ranges from \$6.6 Million to \$8.8 Million are shown in Figure 4 and Table 8. A significant increase in network performance resulted from this scenario delivering a PCI of 85 after 10 years. Additional details regarding Scenario 1, as well as the associated capital plans are provided in **Appendix G**.

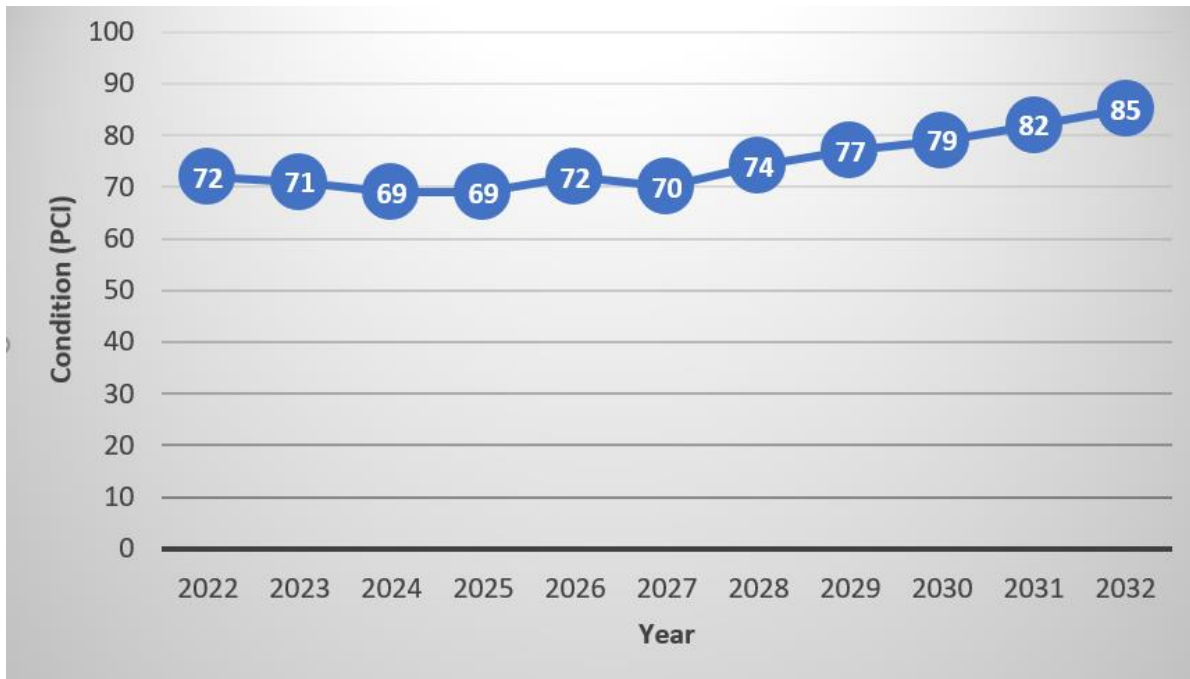


Figure 4: Scenario 1 (Paved Roads) - Network Performance (PCI) Over 10-Year Analysis Period

Table 8: Network Performance (PCI) – Scenario 1 (Paved Roads)

Year	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Performance (PCI)	72	71	69	69	72	70	74	77	79	82	85
Capital Budget (\$M)	-	6.679	7.370	6.953	7.304	7.671	8.054	8.457	8.880	8.880	8.880

Further to the Scenario 1 results, achieving a PCI of 85 if realized is in the ‘very good’ range of the ratings scale. This is an extremely high level of service for paved roads, likely much higher than neighbouring Counties and may prove difficult to sustain. It is recommended to review paved roads levels of service, including intervention timings (when a road is considered to have failed and requires renewal) to assess and define the acceptable lifecycle. Desired levels of service can then be incorporated into future models to determine a sustainable PCI and corresponding funding levels (and how to optimize O&M as well). The result of overachieving on paved roads levels of service (which appears to be the case for Scenario 1) is marginal returns for the Township which may have a greater overall impact if allocated towards other assets or services.

3.1.2 Scenario 2 (Paved Roads) – Maintain Current Condition (PCI of 72)

To maintain an overall condition (PCI of 72) of paved road network over a 10-year period, a variable annual expenditure ranging from \$3.7 Million to \$5.8 Million is required. The results of the lower budget scenario are shown in Figure 5 and Table 9. Additional details regarding Scenario 2, as well as the associated capital plans, are given in **Appendix H**.

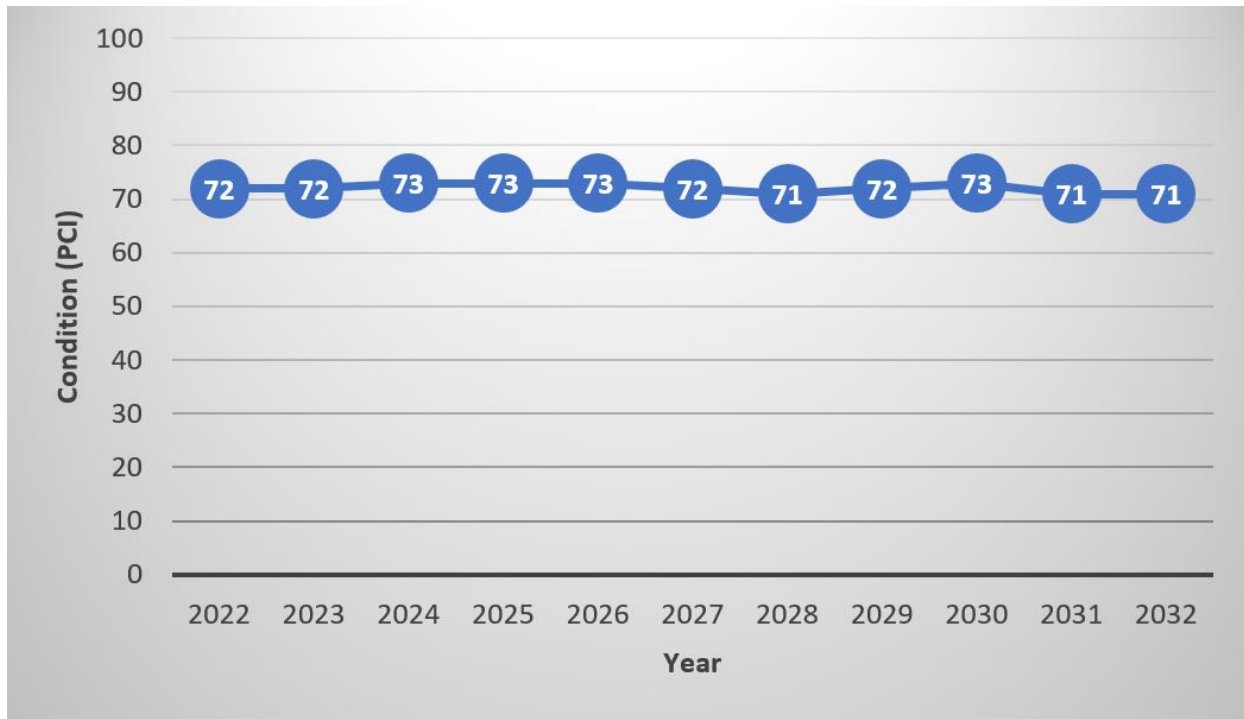


Figure 5: Scenario 2 (Paved Roads) - Network Performance (PCI) Over 10-Year Analysis Period

Table 9: Network Performance (PCI) – Scenario 2 (Paved Roads)

Year	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Performance (PCI)	72	72	73	73	73	72	71	72	73	71	71
Capital Budget (\$M)	-	3.750	3.937	4.134	4.341	4.558	4.786	5.025	5.276	5.540	5.817

3.2 Gravel Roads

Routine operational maintenance, comprising regrading re-grading and dust treatment are the primary interventions to maintain gravel roads. However, full-depth rehabilitation and re-graveling with 100 mm of gravel will be required at intervals to maintain ride quality. Ditch clean-outs and repair of localized wash-outs will also be required periodically.

Golder and ISI attempted to model 10-year capital plan for gravel roads network, however, a need for further road key elements that derives the rehabilitation and maintenance decisions is required to better forecast a condition improvement over the horizon. Section 4 and 5 provide the basis for gravel road maintenance and rehabilitation strategies and decisions through a decision matrix and sufficient capital funding level.

3.3 DOT Roads Software

The optimization analysis utilizing the DOT Roads software was provided as part of this Road Needs Study. Ongoing use of the DOT software is available to the Township at additional cost and can be facilitated through Infrastructure Solutions Inc. (ISI) directly. It is recommended that the pavement condition surveys be updated every three years.

4.0 GRAVEL ROAD CLASSIFICATION

This section discusses some general guidelines and recommendations on utilizing best maintenance practices and management concepts for gravel roads. A gravel road classification matrix has also been proposed to help prioritize targeted maintenance and potential upgrade from gravel to surface treated roadways.

4.1 Gravel Roads Classification Matrix

South Frontenac has requested a new gravel roads classification matrix, which will include both physical and operations characteristics to enhance the traditional approach which is heavily weighted towards traffic volume (AADT). The RFP objective for the gravel road classification matrix is shown below.

- d) Develop a new gravel road classification matrix that includes new and expanded physical and operational characteristics and assigns a weighted formula for consideration by Council (ie. maintenance demand, roadside environment, alignment, number of full time/seasonal residences, recreational/commercial uses and emergency access);

As we considered the factors which influence gravel roads selection, we initially assessed the available road data which has analysed by both Maintenance Class / Standard and AADT in Tables 10 and 11 below.

Table 10: Network and Condition Data by Maintenance Class

Maintenance Class / Standard	# Sections	Total Length (km)	Weighted Avg. Width	Weighted Avg. PCI
4	42	94.4	4.5	61
5	5	3.2	4.9	56
6	76	97.5	4.4	53
Totals	123	195.1	4.4	57

Table 11: Network and Condition Data by AADT

AADT Ranges	# Sections	Total Length (km)	Weighted Avg. Width	Weighted Avg. PCI
0-99	89	108.3	4.0	56
100-199	28	70.5	4.4	60
200-299	5	14.5	4.6	48
300-399	0	0.0	-	-
400+	1	1.8	6.0	69
Total	123	195.1	4.4	57

Results show a linear correlation between Maintenance Class / Standard and PCI, along with varying relationships for AADT and Average Width. Further, AADT has been plotted by section against the Maintenance Class / Standard to understand this relationship in Figure 7.

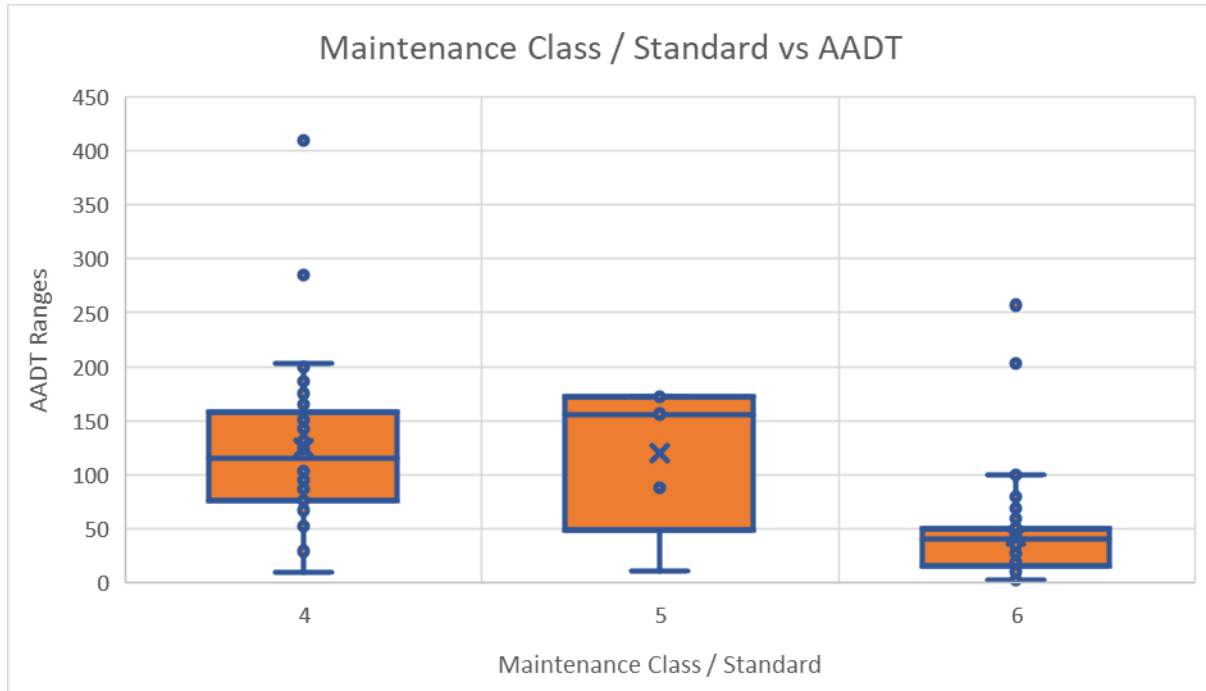


Figure 6: Maintenance Class / Standard vs AADT

Results are wide ranging, whereby some very low volume roads are maintained (or reported to be maintained) at the highest gravel road standard (Class 4), and inversely high volume gravel roads are maintained at the lowest standard (Class 6). Understanding the reasons for the current classifications will be captured within the gravel roads classification matrix, to ensure the highest priority roads are correctly identified. A review and update of the classifications may also be warranted in the future.

In developing a proposed classification framework, we have considered both quantitative and qualitative factors in a concise way to allow for a practical implementation. As such we have three (3) quantitative measures (based on available data) and three (3) qualitative measures. Each of these factors are weighted using defined high / medium / low criteria to be applied against each of the road sections. The factors and their criteria are shown in Table 12.

Table 12: Factor Definitions for Gravel Roads Classification Matrix

Factors	High (H)	Medium (M)	Low (L)	N/A
Quantitative				
Traffic Volume (AADT)	>250, high volumes	100-250, moderate volumes	0-99, relatively low volumes.	-
Class / Maintenance Cost	Class 4	Class 5	Class 6	-
Current Condition (PCI)	<40	40-55	55-70	>70
Qualitative				
Road Safety / Alignment	Very poor geometrics, significant grade changes (>5%), poor sightlines, significant road safety issues, etc.	Poor geometrics, some grade changes, moderate road safety issues, poor sightlines, etc.	Some geometric issues, average sightlines, minor road safety issues, etc.	Good roadway alignment, good sightlines, no known safety issues.
# Commercial / Heavy (qualitative as actual count data not available)	Significant commercial / heavy traffic (>25 per day).	Some commercial / heavy traffic (10-25 per day).	Minimal commercial / heavy traffic (0-10 per day).	No significant commercial traffic.
Criticality	Criticality impact rating should factor the following aspects: 1) Network resilience (if the road fails, are there detours available). 2) Does this road provide access to critical infrastructure/services (hospitals, schools, industry, etc.). 3) Is there a significant population (homes/residences) which may be impacted by the road's service level.			No known factors impacting criticality.

Quantitative measures can be derived from the available dataset, while qualitative measures are to be provided by Township's staff with appropriate local knowledge of the roads. High ratings represents the highest impact to the overall weighting and prioritization while N/A represents no impact (where not applicable), with the impact of medium and low ratings in between. It is worth noting that current condition (PCI) has an inverse relationship, whereby a high rating applies to the poorest road condition rating.

Proposed factors and weighting are preliminary and should be validated by the Township's engineering and operations staff. Proposed weighting is provided in Table 13 below.

Table 13: Rating Factors for Gravel Roads Classification Matrix

Factors	Weighting (out of 100)	Rating Factors			
		High (H)	Medium (M)	Low (L)	NA
<i>Rating Factors</i>		High (H)	Medium (M)	Low (L)	NA
Quantitative					
Traffic Volume (AADT)	15	1.0	0.66	0.33	0
Class / Maintenance Cost	15	1.0	0.66	0.33	0
Current Condition (PCI)	10	1.0	0.66	0.33	0
Qualitative					
Road Safety / Alignment	20	1.0	0.66	0.33	0
# Commercial / Heavy	15	1.0	0.66	0.33	0
Criticality	25	1.0	0.66	0.33	0

Vehicle Traffic	Both Traffic Volumes (AADT) and Commercial / Heavy volumes are weighted at 15% each for a total impact of 30%. Higher volumes, especially for heavier vehicles, can degrade the roadway condition significant quicker than low volume roads, which lead to increased maintenance requirements to maintain serviceability.
Class / Maintenance Costs	This correlates directly with vehicle traffic and has been weighted at 15%. Maintenance cost is a key factor in any decision to upgrade to surface treatment and is also the main input should a benefit / cost analysis be undertaken for road upgrade candidates.
Current Condition (PCI)	Gravel road condition ratings, while useful in understanding current condition, can be seasonally variable with gravel roads and therefore should be considered in that context. Our experience has shown that even routine maintenance treatments (such as re-grading) can significantly impact the ratings. Due to the variability, we have proposed a relatively low rating for Current Condition of 10%.
Road Safety / Alignment	Assessing the roadway geometry and safety factors, and associated impact on the road integrity is to be subjectively considered by the township's engineering staff. This is meant to capture roads with significant contours, grade changes, sightline impairments, and safety challenges among other related factors. Initial weighting is proposed at 20%.
Criticality	Criticality is a measure of the roadway's importance and functional requirements for the township and township residence. This is to be rated subjectively by township staff with local knowledge and include key factors such as those listed in Table 14 above. Criticality has been weighted at 25%.

The proposed gravel roads classification matrix is shown in Figure 8 and will be provided as an MS Excel spreadsheet. Quantitative factors have ratings automatically calculated, while qualitative factors will need to be manually inputted by local engineering / operations staff (default value is set to low).

South Frontenac Gravel Roads Classification Matrix

Ratings	
H	High
M	Medium
L	Low
N/A	Not Applicable

Inputs	
	Automated ratings based on current inventory and condition data.
	Ratings to be determined by township staff. Refer to factor definitions sheet for details.

Section ID	Road Name	Length (m)	Maint. Class	AADT	PCI	Quantitative			Qualitative			Total	Priority Ranking		
						Traffic Volume (AADT)	Maintenance Cost	Current Condition (PCI)	Road Safety / Alignment	# Commercial / Heavy Vehicles	Criticality				
Weighting						40%	15	15	10	60%	20	15	25		
45445	Ritchie Road	200	4	9	75	L	H	N/A	L	L	L	40	43		
40420	Bell Road	400	4	29	65	L	H	L	L	L	L	43	34		
41620	Cummins Road	1,400	4	52	82	L	H	N/A	L	L	L	40	43		
41095	Canoe Lake Road	3,400	4	57	54	L	H	M	L	L	L	47	24		
45610	Roushorn Road	500	4	58	76	L	H	N/A	L	L	L	40	43		
41845	Devil Lake Road	1,600	4	67	69	L	H	L	L	L	L	43	34		
45400	Rickards Road	300	4	68	78	L	H	N/A	L	L	L	40	43		
42400	Garrett Road	2,200	4	72	70	L	H	L	L	L	L	43	34		
40990	Canal Road	500	4	74	57	L	H	L	L	L	L	43	34		
42715	Hanna Road	1,400	4	74	72	L	H	N/A	L	L	L	40	43		
41770	Dean Smith Road	2,000	4	76	68	L	H	L	L	L	L	43	34		
41980	Dixon Road	1,150	4	76	72	L	H	N/A	L	L	L	40	43		
42820	Hickey Road	1,200	4	87	44	L	H	M	L	L	L	47	24		
43285	James Wilson Road	1,000	4	90	61	L	H	L	L	L	L	43	34		
43660	Lambert Road	800	4	94	51	L	H	M	L	L	L	47	24		
43405	Keir Road	700	4	95	43	L	H	M	L	L	L	47	24		
43840	Leland Road	4,200	4	95	53	L	H	M	L	L	L	47	24		
45925	Dover Road	800	4	100	68	M	H	L	L	L	L	48	8		
46585	White Lake Road	3,000	4	101	78	M	H	N/A	L	L	L	45	30		
45895	Sonneveld Road	1,600	4	103	57	M	H	L	L	L	L	48	8		

Figure 7: Gravel Roads Classification Matrix

It is recommended that the factor weightings and high / medium / low factors are reviewed and adjusted for local conditions by the township’s engineering / operations staff. While this tool is meant to identify gravel road upgrade candidates, we recommend it also be shared with the township’s maintenance staff to help inform maintenance decisions (such as rehabilitation planning and targeted maintenance interventions).

4.1.1 Example of Another Municipality Practice on Gravel Roads

The lifecycle of gravel roads with AADT > 250 decreases significantly by a rate of about 25 PCI points per year with no maintenance interventions. Case studies have shown that the maintenance costs for gravel roads increase considerably above AADT of about 200. The loss of serviceability also increases faster with increasing truck traffic. In such cases the rate of gravel loss from the surface increases, the surface drainage of the road decreases and more costly maintenance is needed. Figure 6 below shows the findings from a study in Minnesota (Ref: DOT Minnesota, “To Pave or Not to Pave?”, Oct. 2006) where county road maintenance costs were monitored for different traffic volumes (ADT). The results showed that above an ADT of 200, the relative costs of gravel road maintenance increased significantly compared to paved road maintenance.

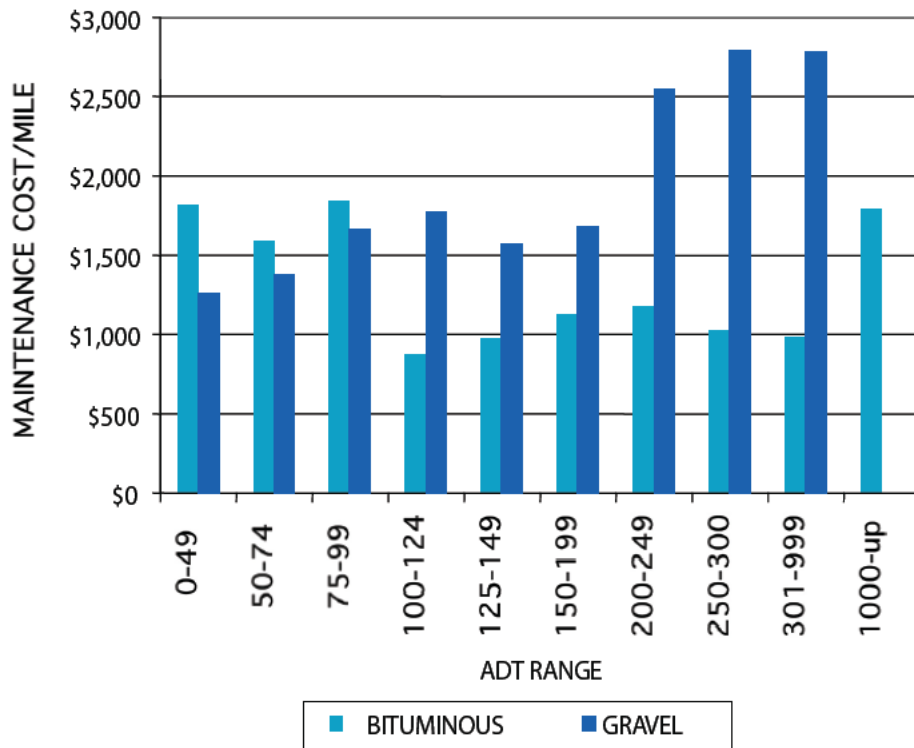


Figure 8: Maintenance Costs/Mile by traffic volume (Mn/DOT)

Other considerations for upgrading gravel to paved road:

- No of residences or businesses on the road section.
- Cleaner environment with less dust.
- Increased safety and skid resistance.

- Improved level of service.

A useful Gravel Road Upgrade Policy (Policy) dated April 1, 2019, developed by the Corporation of the Town of New Tecumseth may provide the basis for a gravel road upgrade prioritizations for Township of South Frontenac, elements of which have been considered for the new gravel road classification matrix. A copy of the Policy (available on the internet) is included in **Appendix I**.

4.2 Building a Proper Cross Section

Building a proper cross section is the primary objective of gravel road maintenance operations. A properly shaped cross section with adequate crown and shoulder cross slope (crossfalls) drain water away from the pavement structure and extends its service life. A typical crossfall for the traveled lanes is between 4 percent and 5 percent. The crossfall deteriorates over time and reaches a point at which it no longer sheds water and deteriorates more quickly. Without adequate crossfall, water accumulates on the road surface and softens the crust and penetrates into the subgrade. A typical gravel road cross fall is shown on Figure 9.

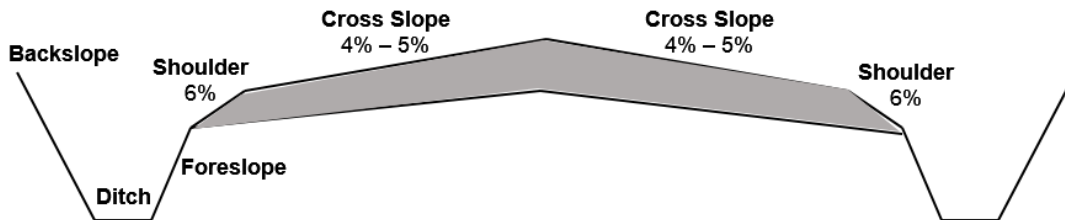


Figure 9: A typical gravel road cross section

Inadequate crowns can quickly result in surface distresses such as potholes, rutting, or deformation, especially under heavy traffic loading. Many studies show that poor performance of gravel roads can be attributed mostly to lack of crossfall and inadequate surface drainage, even in semi-arid regions. Excessive crowns (i.e., crossfalls more than 6%) are not recommended either due to safety issues. Excessive crowns can cause loss of control while driving and encourage road users to drive in the middle of the road regardless of the surface width.

A gravel road cross section should also be adjusted at curves to provide adequate superelevation. By raising the outer edge of a curve on a road above the inner edge, a superelevation reduces the effect of centrifugal force on vehicles and provides better control while turning. Lack of superelevation or improper transition from a crown to a superelevation can become a safety hazard and increases the risk of accident. During maintenance operations, the grader operator should build a gradual transition from a crowned surface to a straight superelevated surface.

Typical lane widths for a gravel road are 3.5 m but can vary from 3.0 m to 3.7 m. Shoulders are graded at around 6% to provide adequate drainage by directing water further from the road surface down the foreslope and into the ditch. Frequently, gravel roads might not have defined shoulders. Road shoulders should be kept at the same level as the edge of the road surface. Sudden drop-offs can lead to safety hazards while high shoulders prevent water from draining off the road surface into the ditch. High shoulders can result in a secondary ditch along the side of the road that erodes gravel material and subgrade soil resulting in various defects. High shoulders are usually the result of poor maintenance practices.

Ditches are also important to drain water away from the roadway subgrade. Ditches need to extend to below top of subgrade and require periodic cleaning to ensure debris, vegetation, or excess gravel material migrating from

the road surface are removed. Similar to ditches, culverts should be maintained periodically to ensure there is no obstruction to prevent the natural flow of water under the road and to ensure that the culverts are not perforated, crushed or distorted. Care should be taken during maintenance and installation of culverts to ensure proper inlet/outlet elevations, and alignment with the flow line of the ditch is achieved to avoid any washout or erosion around the outlets.

4.3 Materials for Use

While many agencies use granular road base materials for surfacing on gravel roads, it is not necessarily the ideal material for use in terms of serviceability and maintenance. Road base granular materials are designed to have high structural capacity as well as good drainage characteristics. While structural capacity is also good for a gravel road, the free draining nature of the surfacing is not necessarily an advantage.

Construction granulars can be pit run, produced from a quarry source (in which case they will be 100 percent crushed) or a partially crushed pit source material (partly crushed). The crushed content of an aggregate improves its structural capacity since the rough crushed faces provide better granular interlock compared to rounded particles. Crushed products are preferred for gravel roads. Irrespective of the percent of crushed particles, the particles themselves must be hard and durable. A good test for this is the MicroDeval test. Road surfacing gravels should have maximum MicroDeval losses on the coarse fraction of less than 25 percent.

Most granular road base materials allow 15 to 20 percent of coarse material larger than 19 mm. In general, gravel road surfacing should be 100 percent finer than 19 mm since it provides a smoother ride quality and is less prone to segregation. It also needs an adequate percentage of sand sizes to fill the voids. Typical granular bases will have 45 to 70 percent passing the 4.75 mm sieve. For gravel road surfacing, the sand sizes should be at the higher end of this range.

There is a lot of practical experience that indicates that surfacing gravels with a higher percentage of fines (material finer than 0.075 mm) perform better. For road base granular materials, the fines are usually restricted to 8 to 10 percent maximum, so as to not impede drainage. However, many agencies prefer fines content up to 15 percent for surfacing gravels. They will also allow the materials to have Plasticity Indices of 4 to 12 percent, while for most road base granular materials the fines are required to be non-plastic. In a road surfacing application, the higher fines content bind the material and allow a crust to form on the surface which can reduce material loss.

Some agencies also allow the addition of Recycled Asphalt Product (RAP) in road surfacing granulars. With increasing use of cold milling for road maintenance, large volumes of RAP are readily available. In general, the addition of RAP should not be greater than 30 percent as above that, the material may no longer be “unbound” and so maintenance regrading activities become more problematic.

4.4 Proper Grading Operation

Several studies have been published on proper grading techniques. This section does not provide a detailed review of proper grading techniques; however, some of the main issues and considerations are discussed. Operating speed should be slow enough to avoid bouncing and creation of cut depressions on the road surface. A speed range of 5 to 10 km per hour is typically recommended; however, factors such as the quality of material, moisture, or subgrade strength can affect the proper operating speed. Operators should maintain a proper blade angle, typically between 35 to 45 degrees, during the grading maintenance to recover material and avoid spilling from the toes of the blade. To achieve proper mix and to avoid material loss, it is also important to use a proper

blade pitch. Excessive backward pitch can result in poor mixing action and also high shoulders. Excessive forward pitch, on the other hand, may result in poor mix and lack of enough penetration to remove surface defects and may not create a smooth ride quality. A proper blade pitch and angle result in a good mixing action with enough penetration to fix surface defects with minimum material loss during the grading operation.

4.5 Dust Control

Gravel roads give off dust under traffic action. The amount of dust generation can be affected by factors such as gravel material properties, the percentage of fines, annual precipitation, and the level of daily traffic. Excessive dust from gravel roads can cause health issues, poor air quality to nearby residents, environmental damage, and also increase the risk of accidents. The most common dust suppressants are calcium chloride and magnesium chloride. These are typically applied in liquid form from a tanker with spray bar. Calcium chloride draws moisture from the air resulting in a damped road surface that reduces the amount of dust generation. Proper dust control can also reduce gravel loss and required grading maintenance cycles. For effective dust control operations, gravel roads should have optimum moisture to allow for complete absorption of the dust suppressant.

4.6 Gravel Road Treatments

A practical condition rating scheme for gravel roads was developed by MTO based on evaluating condition under a set of distress modes in conjunction with an evaluation of the ride quality. This produces an estimate of PCI. A distress manifestation index is calculated from the evaluation of the road condition under eight distress modes as listed in Table 14. A range of maintenance treatments can then be assigned based on the PCI and major distress types as shown in Table 15.

Such systematic approach for condition assessment of gravel roads provides consistent and representative condition ratings and identifies the predominant surface defects while performing a network-level analysis. It also allows the identification of any underlying conditions that decrease the effectiveness of routine maintenance.

Table 14: Gravel Roads Distress Manifestation (MTO 1989)

Distress Mode	Distress Type
Surface Defects	Loose Gravel
	Dust
	Potholes
	Break-up
Surface Deformation	Washboarding
	Rutting
	Flat / Reverse Crown
	Distortion

Table 15: Example of Using PCI data to determine proper maintenance treatment actions

PCI Range	Treatment
80-100	Routine maintenance
60-79	Routine maintenance. Re-grading and dust control may be necessary for residential areas.
40-59	Increased routine maintenance necessary. Addition of gravel and dust control additives become necessary.
20-39	Maintenance with addition of gravel necessary. Dust control is a must for residential areas. Some portions may need rehabilitation.
0-19	Rehabilitation necessary.

5.0 PROJECT LEVEL INVESTIGATION

As discussed, in Section 3.0, this network level survey, is sufficient for capital planning purposes, but is not sufficient for detail design. Project level analysis to refine the rehabilitation recommendations produced herein will be required at the appropriate time. Upon approval of the 10-year capital plan, Golder is also available to provide project level support for annual rehabilitation and capital road works programs. Our experienced pavement and geotechnical engineers have provided rehabilitation recommendations to all tiers of government across Canada, with the intention of providing an improved level of service, while meeting the needs of the capital plan and annual budget. Further, at the detailed project level, new pavement materials and construction technologies or technologies not considered during the capital planning analysis can be considered to further optimize the rehabilitation strategies. This may include cross-asset optimizations to ensure efficient and timely work is undertaken within the Township.

6.0 CLOSING

We trust the information provided in this report satisfies your needs. We will be pleased to assist further with respect to developing specific annual maintenance plans based on the results of this study, if required. Please do not hesitate to contact the undersigned if you have further questions.

Signature Page

Golder Associates Ltd.



Mohamed S. Maslati, B.Eng., EIT
Materials and Pavement Engineer-in-Training



Kevin Worley, B.A.Sc., P.Eng
Senior OMR Consultant, Asset Management

MSM/KJV/msm/ljv

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[https://golderassociates.sharepoint.com/sites/155288/project files/6 deliverables/final/21501017 rep rev2 2022'12'07 south frontenac rns - final.docx](https://golderassociates.sharepoint.com/sites/155288/project%20files/6%20deliverables/final/21501017%20rep%20rev2%202022%2012%2007%20south%20frontenac%20rns%20-%20final.docx)

APPENDIX A

**Important Information and
Limitations of This Report**

Standard of Care: Golder Associates Ltd. (Golder) has prepared this report in a manner consistent with that level of care and skill ordinarily exercised by members of the engineering and science professions currently practising under similar conditions in the jurisdiction in which the services are provided, subject to the time limits and physical constraints applicable to this report. No other warranty, expressed or implied is made.

Basis and Use of the Report: This report has been prepared for the specific site, design objective, development and purpose described to Golder by the Client. The factual data, interpretations and recommendations pertain to a specific project as described in this report and are not applicable to any other project or site location. Any change of site conditions, purpose, development plans or if the project is not initiated within eighteen months of the date of the report may alter the validity of the report. Golder cannot be responsible for use of this report, or portions thereof, unless Golder is requested to review and, if necessary, revise the report.

The information, recommendations and opinions expressed in this report are for the sole benefit of the Client. No other party may use or rely on this report or any portion thereof without Golder's express written consent. If the report was prepared to be included for a specific permit application process, then upon the reasonable request of the client, Golder may authorize in writing the use of this report by the regulatory agency as an Approved User for the specific and identified purpose of the applicable permit review process. Any other use of this report by others is prohibited and is without responsibility to Golder. The report, all plans, data, drawings and other documents as well as all electronic media prepared by Golder are considered its professional work product and shall remain the copyright property of Golder, who authorizes only the Client and Approved Users to make copies of the report, but only in such quantities as are reasonably necessary for the use of the report by those parties. The Client and Approved Users may not give, lend, sell, or otherwise make available the report or any portion thereof to any other party without the express written permission of Golder. The Client acknowledges that electronic media is susceptible to unauthorized modification, deterioration and incompatibility and therefore the Client can not rely upon the electronic media versions of Golder's report or other work products.

The report is of a summary nature and is not intended to stand alone without reference to the instructions given to Golder by the Client, communications between Golder and the Client, and to any other reports prepared by Golder for the Client relative to the specific site described in the report. In order to properly understand the suggestions, recommendations and opinions expressed in this report, reference must be made to the whole of the report. Golder can not be responsible for use of portions of the report without reference to the entire report.

Unless otherwise stated, the suggestions, recommendations and opinions given in this report are intended only for the guidance of the Client in the design of the specific project. The extent and detail of investigations, including the number of test holes, necessary to determine all of the relevant conditions which may affect construction costs would normally be greater than has been carried out for design purposes. Contractors bidding on, or undertaking the work, should rely on their own investigations, as well as their own interpretations of the factual data presented in the report, as to how subsurface conditions may affect their work, including but not limited to proposed construction techniques, schedule, safety and equipment capabilities.

Soil, Rock and Ground Water Conditions: Classification and identification of soils, rocks, and geologic units have been based on commonly accepted methods employed in the practice of geotechnical engineering and related disciplines. Classification and identification of the type and condition of these materials or units involves judgment, and boundaries between different soil, rock or geologic types or units may be transitional rather than abrupt. Accordingly, Golder does not warrant or guarantee the exactness of the descriptions.

Special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions and even a comprehensive investigation, sampling and testing program may fail to detect all or certain subsurface conditions. The environmental, geologic, geotechnical, geochemical and hydrogeologic conditions that Golder interprets to exist between and beyond sampling points may differ from those that actually exist. In addition to soil variability, fill of variable physical and chemical composition can be present over portions of the site or on adjacent properties. The professional services retained for this project include only the geotechnical aspects of the subsurface conditions at the site, unless otherwise specifically stated and identified in the report. The presence or implication(s) of possible surface and/or subsurface contamination resulting from previous activities or uses of the site and/or resulting from the introduction onto the site of materials from off-site sources are outside the terms of reference for this project and have not been investigated or addressed.

Soil and groundwater conditions shown in the factual data and described in the report are the observed conditions at the time of their determination or measurement. Unless otherwise noted, those conditions form the basis of the recommendations in the report. Groundwater conditions may vary between and beyond reported locations and can be affected by annual, seasonal and meteorological conditions. The condition of the soil, rock and groundwater may be significantly altered by construction activities (traffic, excavation, groundwater level lowering, pile driving, blasting, etc.) on the site or on adjacent sites. Excavation may expose the soils to changes due to wetting, drying or frost. Unless otherwise indicated the soil must be protected from these changes during construction.

Sample Disposal: Golder will dispose of all uncontaminated soil and/or rock samples 90 days following issue of this report or, upon written request of the Client, will store uncontaminated samples and materials at the Client's expense. In the event that actual contaminated soils, fills or groundwater are encountered or are inferred to be present, all contaminated samples shall remain the property and responsibility of the Client for proper disposal.

Follow-Up and Construction Services: All details of the design were not known at the time of submission of Golder's report. Golder should be retained to review the final design, project plans and documents prior to construction, to confirm that they are consistent with the intent of Golder's report.

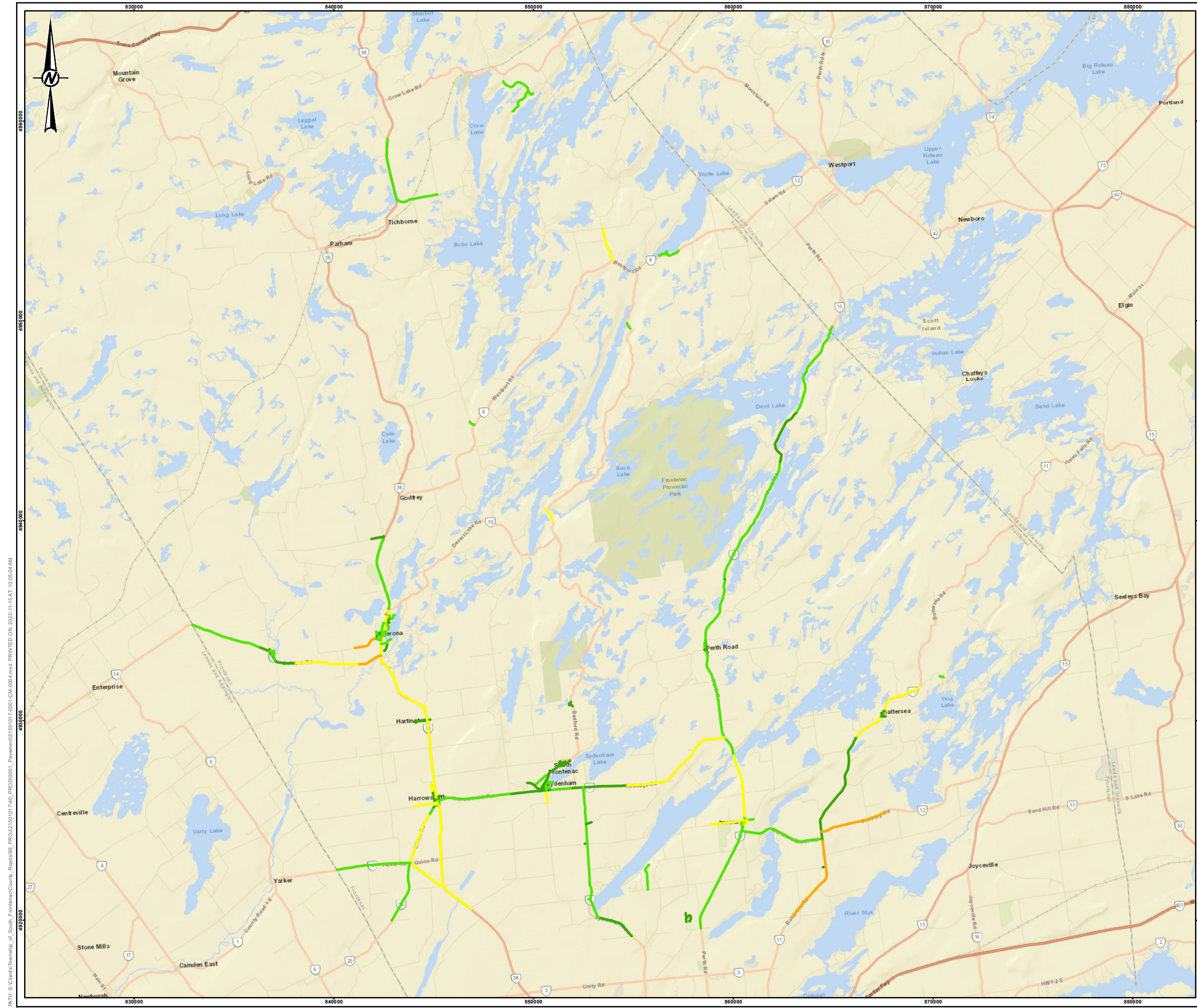
During construction, Golder should be retained to perform sufficient and timely observations of encountered conditions to confirm and document that the subsurface conditions do not materially differ from those interpreted conditions considered in the preparation of Golder's report and to confirm and document that construction activities do not adversely affect the suggestions, recommendations and opinions contained in Golder's report. Adequate field review, observation and testing during construction are necessary for Golder to be able to provide letters of assurance, in accordance with the requirements of many regulatory authorities. In cases where this recommendation is not followed, Golder's responsibility is limited to interpreting accurately the information encountered at the borehole locations, at the time of their initial determination or measurement during the preparation of the Report.

Changed Conditions and Drainage: Where conditions encountered at the site differ significantly from those anticipated in this report, either due to natural variability of subsurface conditions or construction activities, it is a condition of this report that Golder be notified of any changes and be provided with an opportunity to review or revise the recommendations within this report. Recognition of changed soil and rock conditions requires experience and it is recommended that Golder be employed to visit the site with sufficient frequency to detect if conditions have changed significantly.

Drainage of subsurface water is commonly required either for temporary or permanent installations for the project. Improper design or construction of drainage or dewatering can have serious consequences. Golder takes no responsibility for the effects of drainage unless specifically involved in the detailed design and construction monitoring of the system.

APPENDIX B

**Road Network Maps with 2022
Condition Rating**



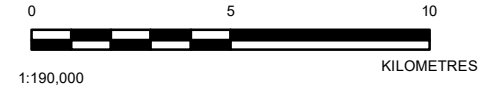
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PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR



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NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, USGS, INTERMAP, INCREMENT P, NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ESRI KOREA, ESRI (THAILAND), NGCC, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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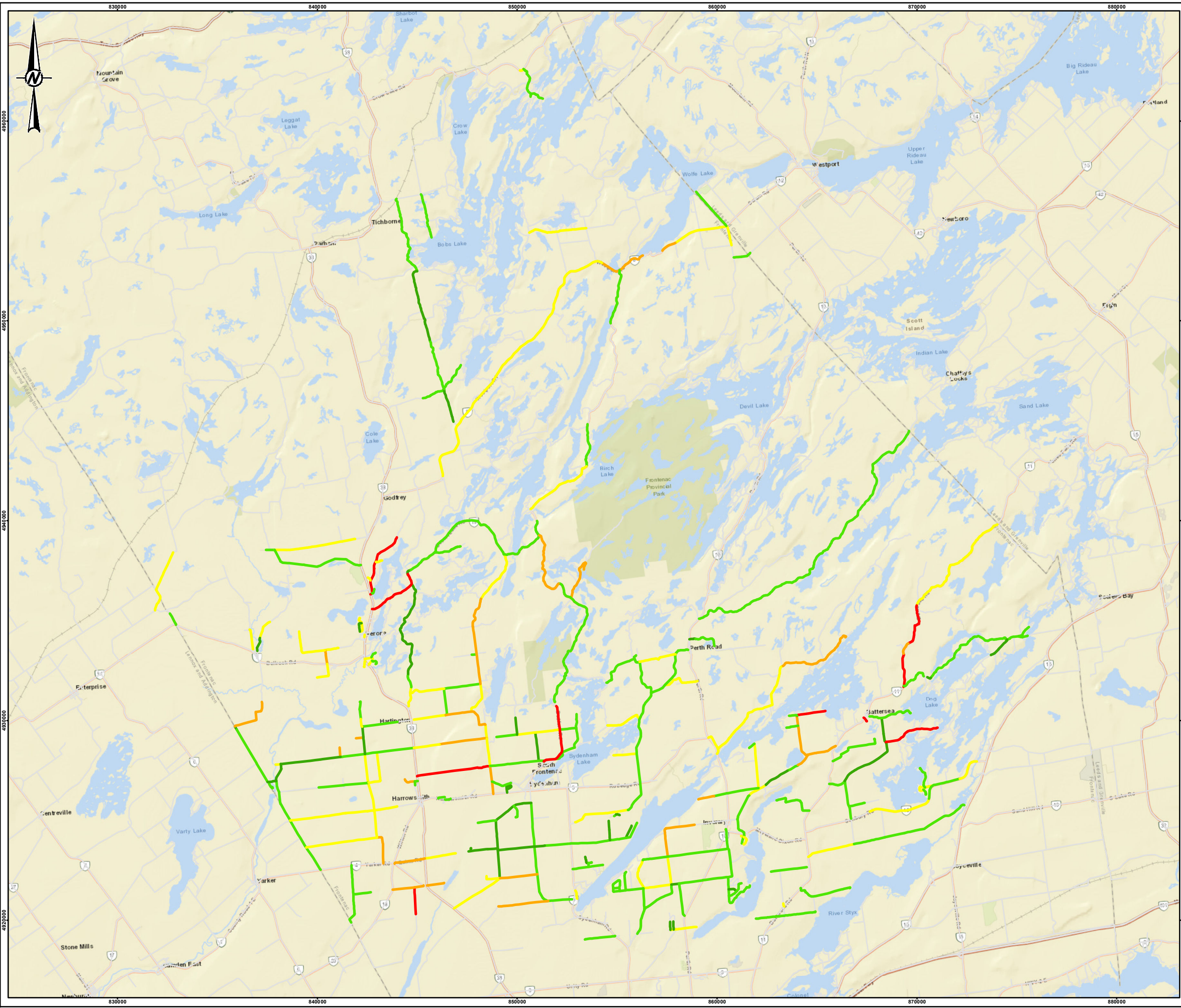
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	PREPARED	DB/JR
	REVIEWED	
	APPROVED	

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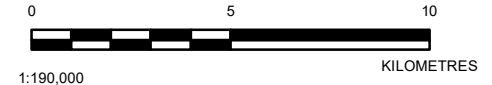
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PAVEMENT CONDITION RATING

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- GOOD
- FAIR
- POOR
- VERY POOR



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NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, USGS, INTERMAP, INCREMENT P, NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ESRI KOREA, ESRI (THAILAND), NGCC, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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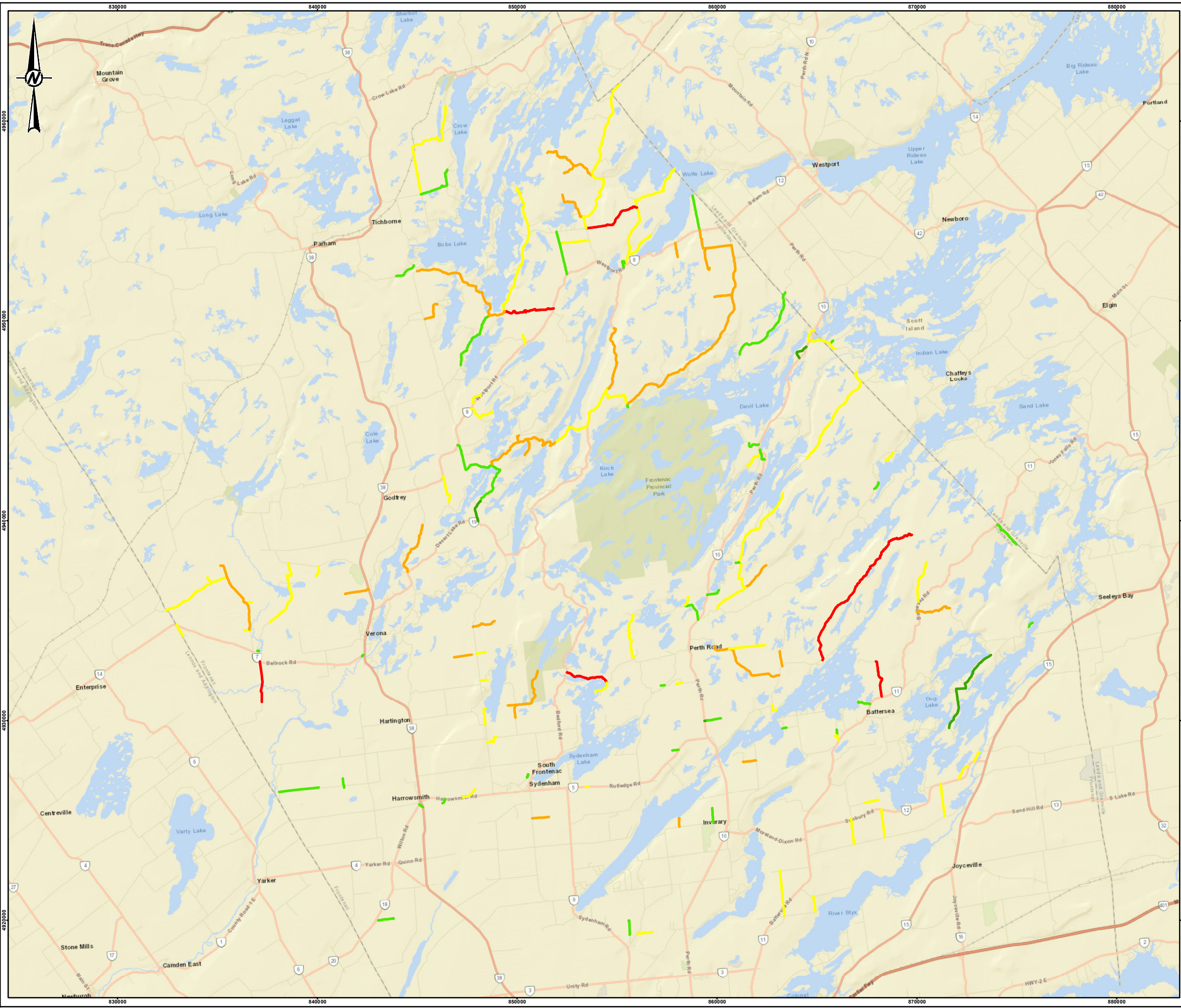
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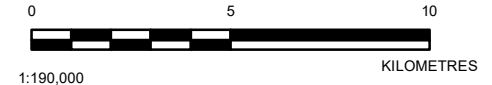
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PAVEMENT CONDITION RATING

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- FAIR
- POOR
- VERY POOR



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NOTE(S)

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1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, USGS, INTERMAP, INCREMENT P, NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ESRI KOREA, ESRI (THAILAND), NGCC, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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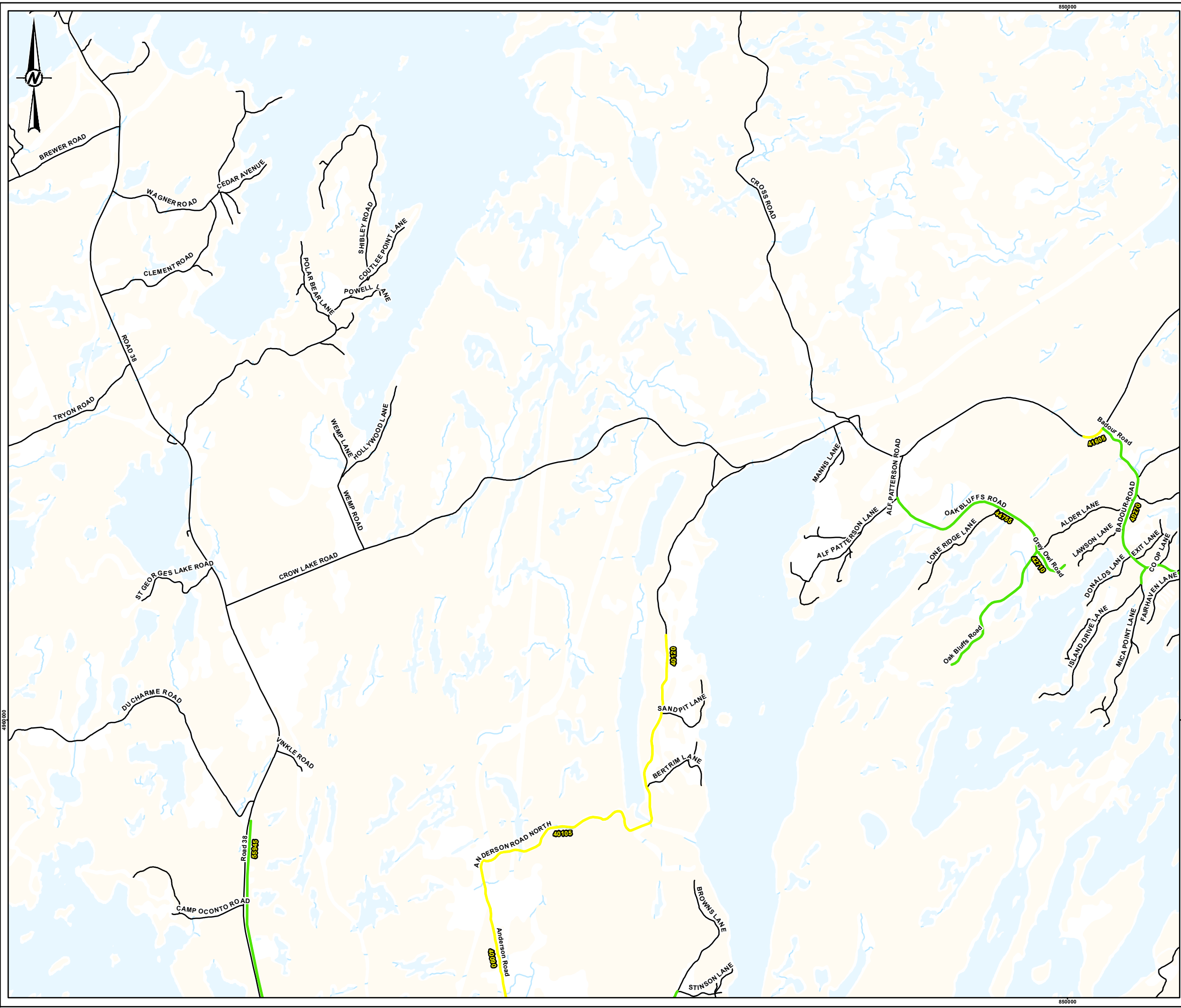
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LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

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- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

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	6	7	8	9
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20	21	22	23	24

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NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

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PROJECT

2022 ROADS NEEDS STUDY

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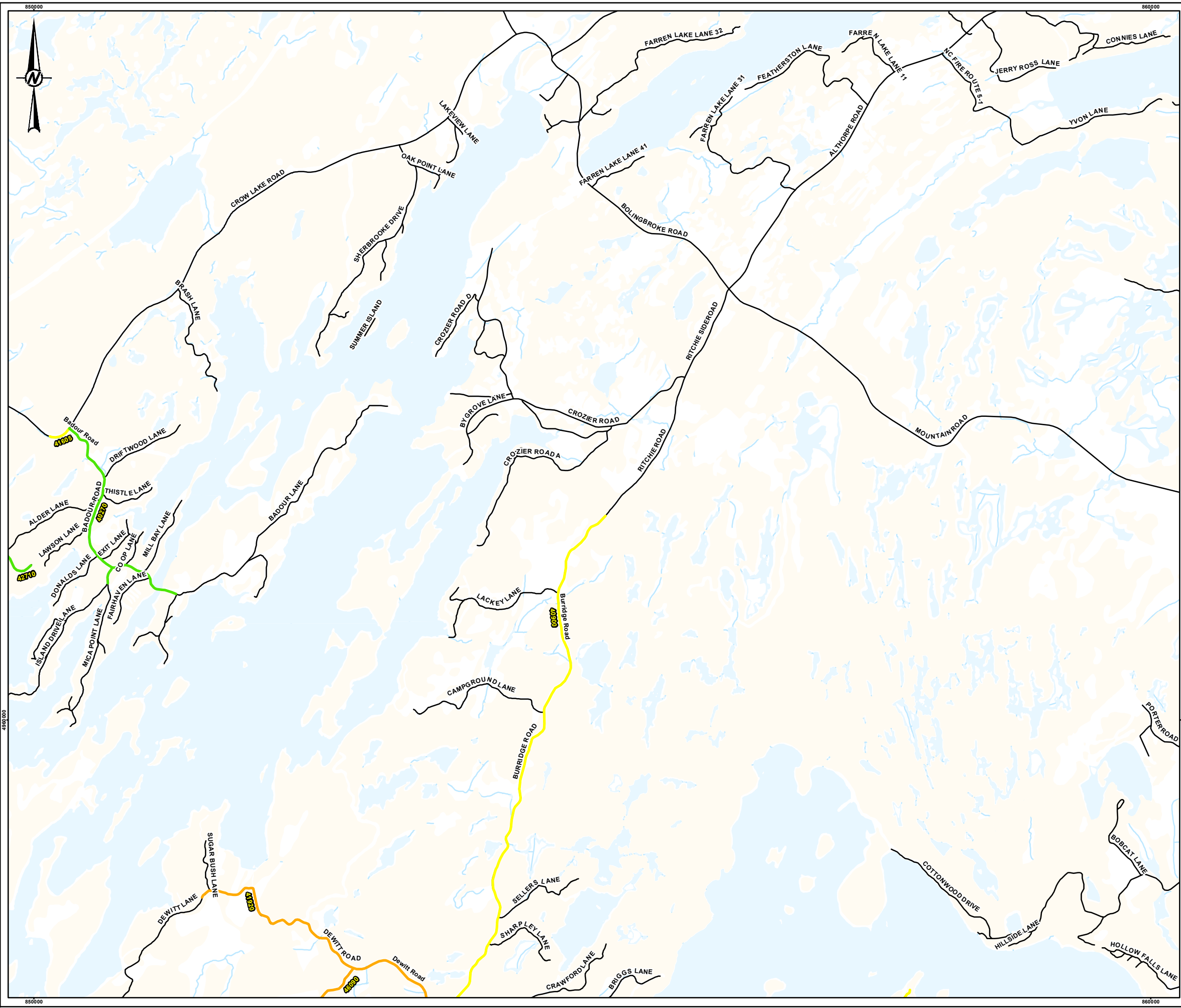
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LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

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NOTE(S)

- REFERENCE(S)**
1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
 2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

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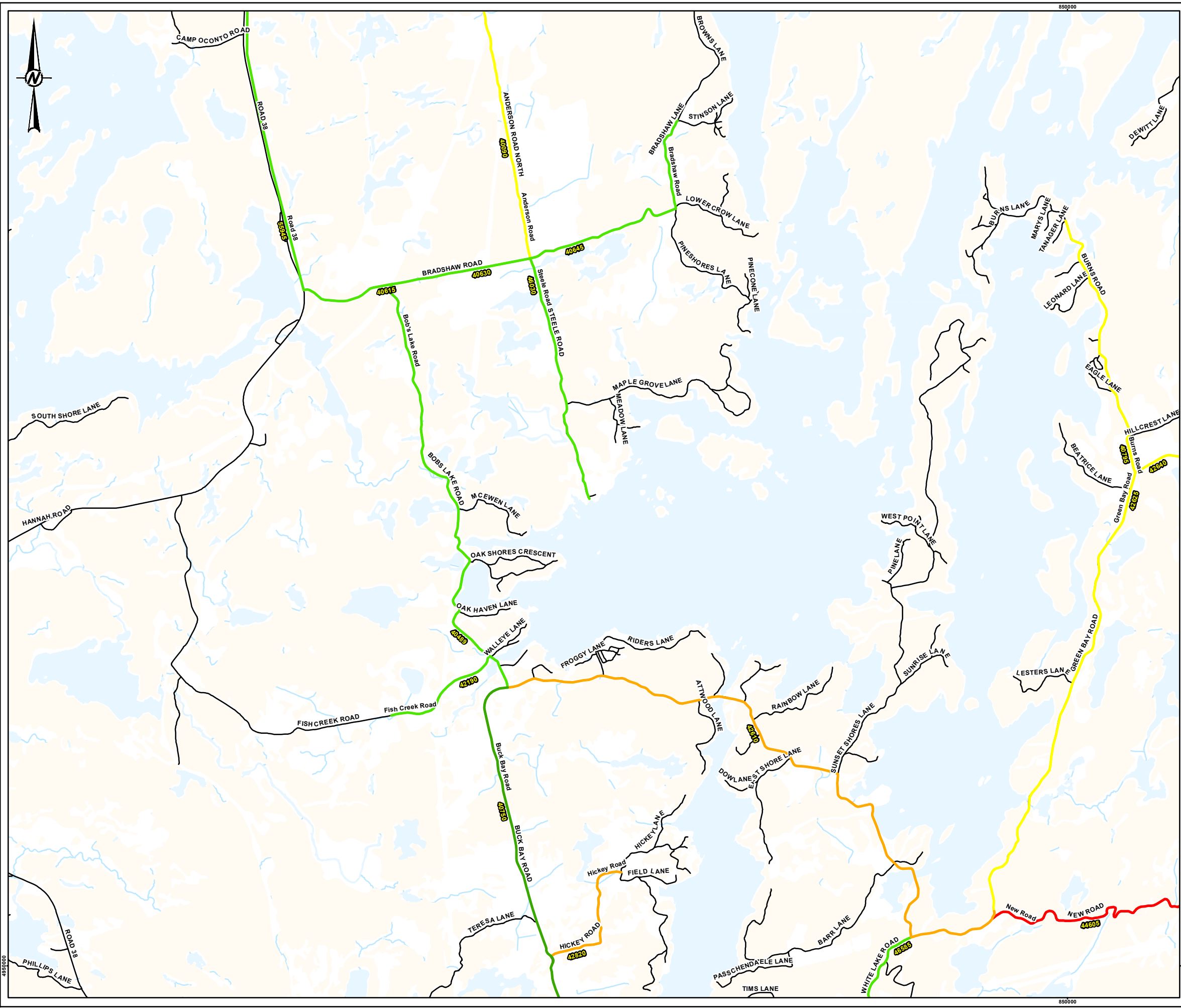
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TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED		MM
PREPARED		JR
REVIEWED		
APPROVED		

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\09_PRC\21501017\40_PRC\0001_Pavement\21501017_001-CM-002.mxd PRINTED ON: 2022-09-19 AT: 1:28:40 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSIB



LEGEND

ROAD SEGMENT

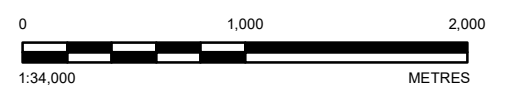
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

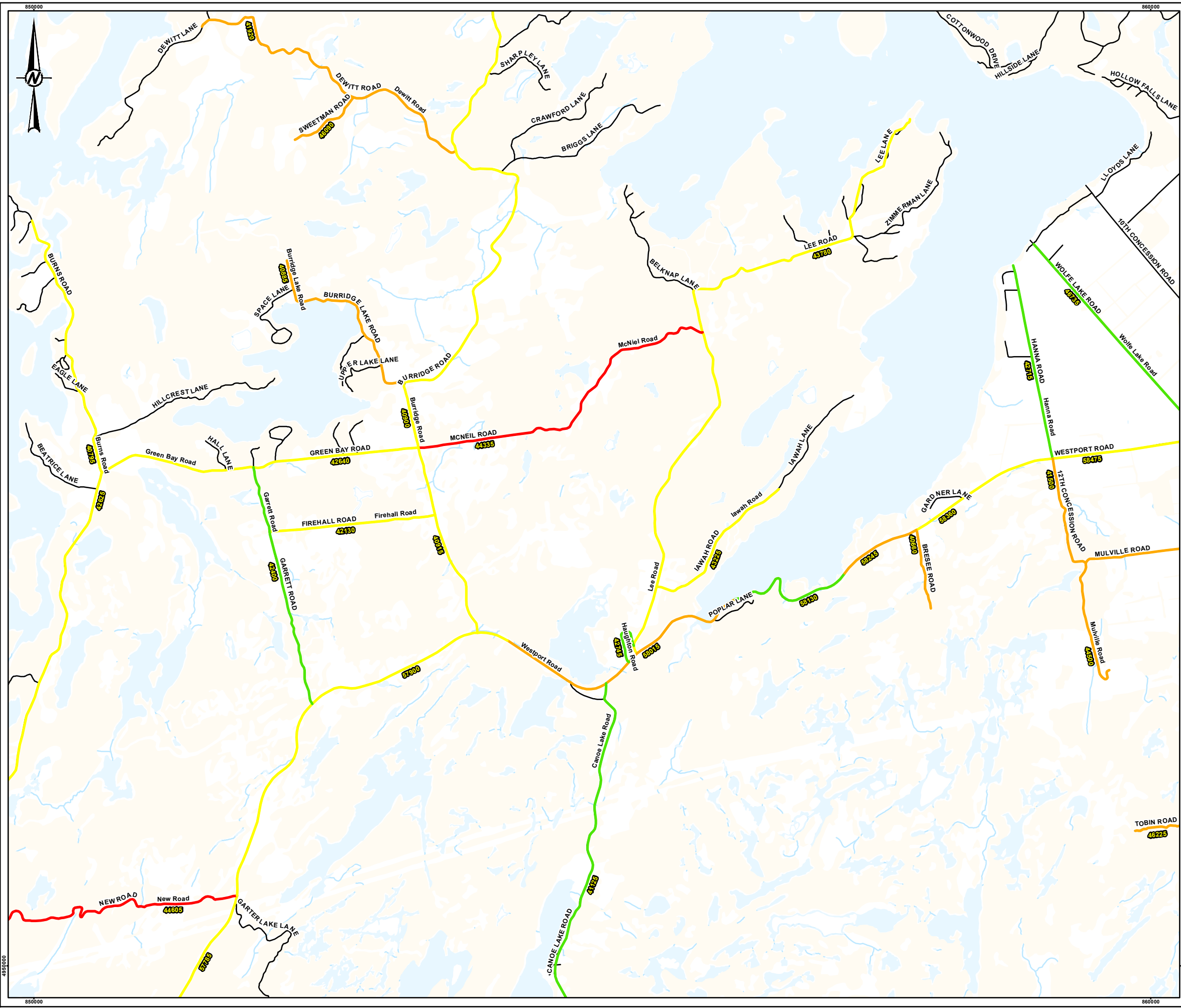
TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED		MM
PREPARED		JR
REVIEWED		
APPROVED		

PROJECT NO. 21501017 CONTROL 0002 REV. A FIGURE 1-3

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\09_PROJ\21501017\40_Pavement\21501017_4001-CM-002.mxd PRINTED ON: 2022-09-19 AT: 1:28:51 PM
 4894000

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
 28mm



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

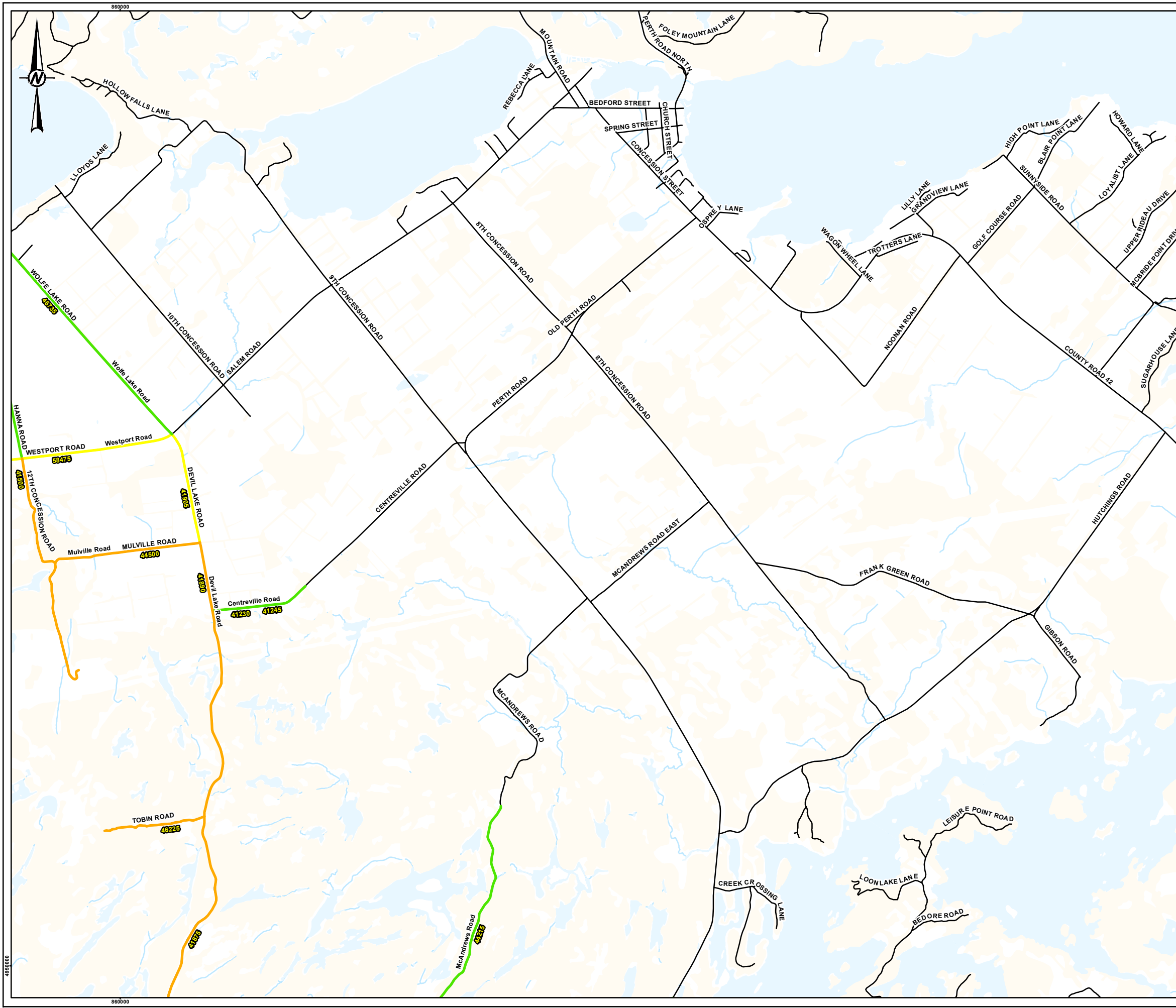
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2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED		MM
PREPARED		JR
REVIEWED		
APPROVED		

PROJECT NO.	CONTROL	REV.	FIGURE
21501017	0002	A	1-4

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\02_Pavement\21501017_4001-CM-002.mxd PRINTED ON: 2022-09-19 AT: 1:29:04 PM
 489000

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B
 25mm



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

- BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
- PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

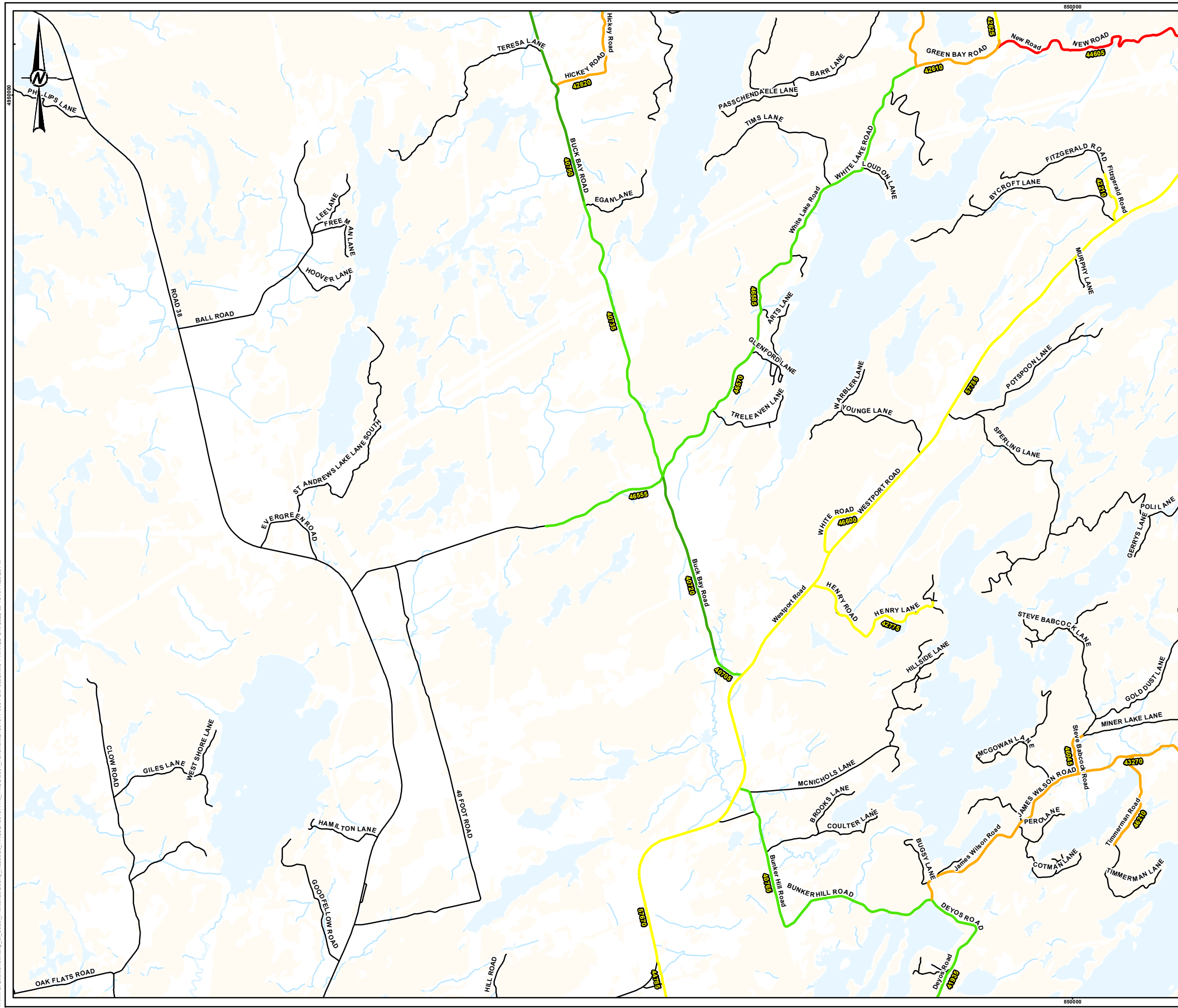
TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED	MM	
PREPARED	JR	
REVIEWED		
APPROVED		

PROJECT NO. 21501017 CONTROL 0002 REV. A FIGURE 1-5

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\02_Pavement\21501017_4001-CM-002.mxd PRINTED ON: 2022-09-19 AT: 1:29:14 PM
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS I B 28mm



LEGEND

ROAD SEGMENT

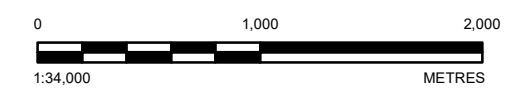
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

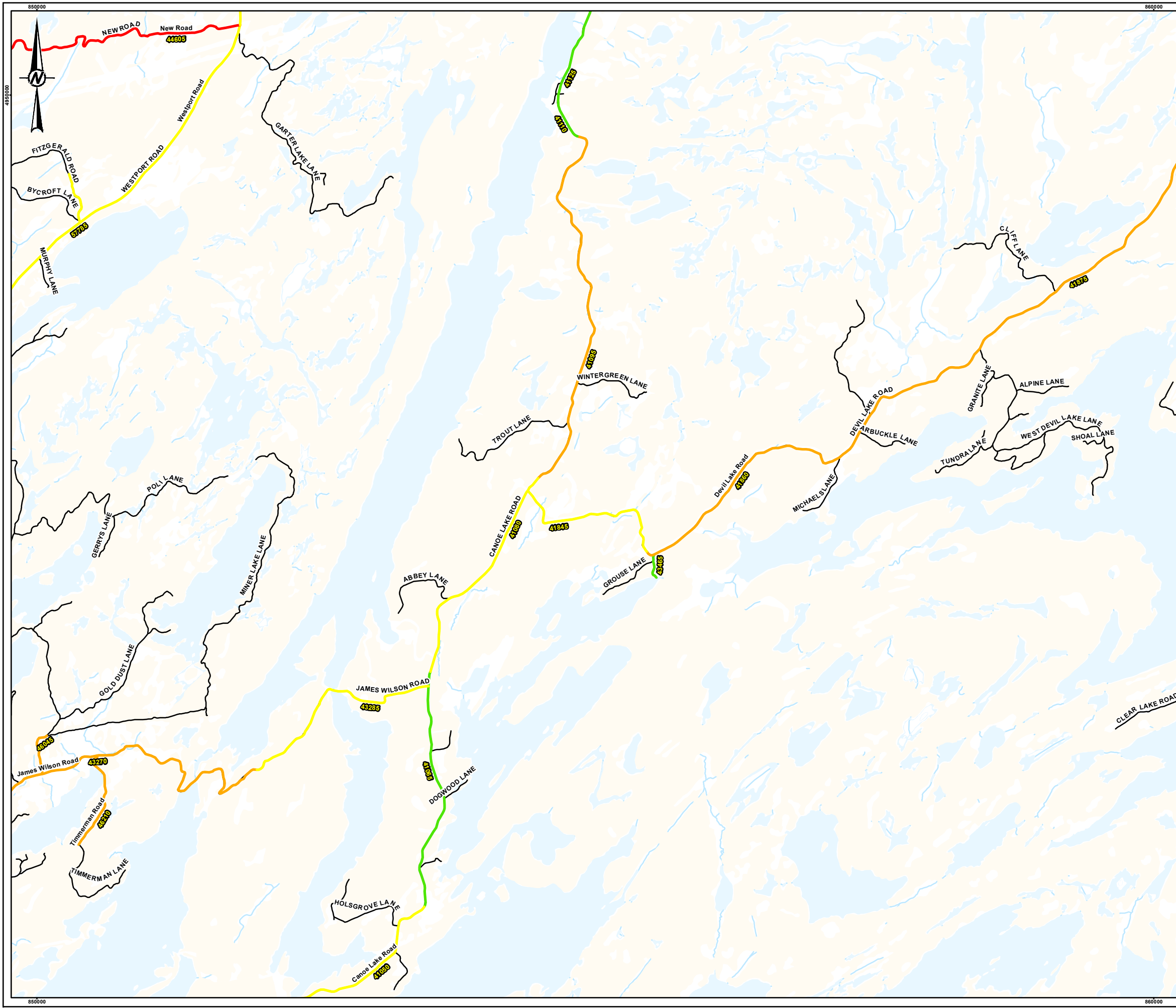
TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED	MM	
PREPARED	JR	
REVIEWED		
APPROVED		

PROJECT NO. 21501017 **CONTROL** 0002 **REV.** A **FIGURE** 1-6

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\PRJ\21501017\401_CAD\002.mxd PRINTED ON: 2022-09-19 AT: 1:29:25 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS I 25mm



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT

1:34,000 METRES

NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

TITLE
2022 ROAD CONDITIONS - DETAIL

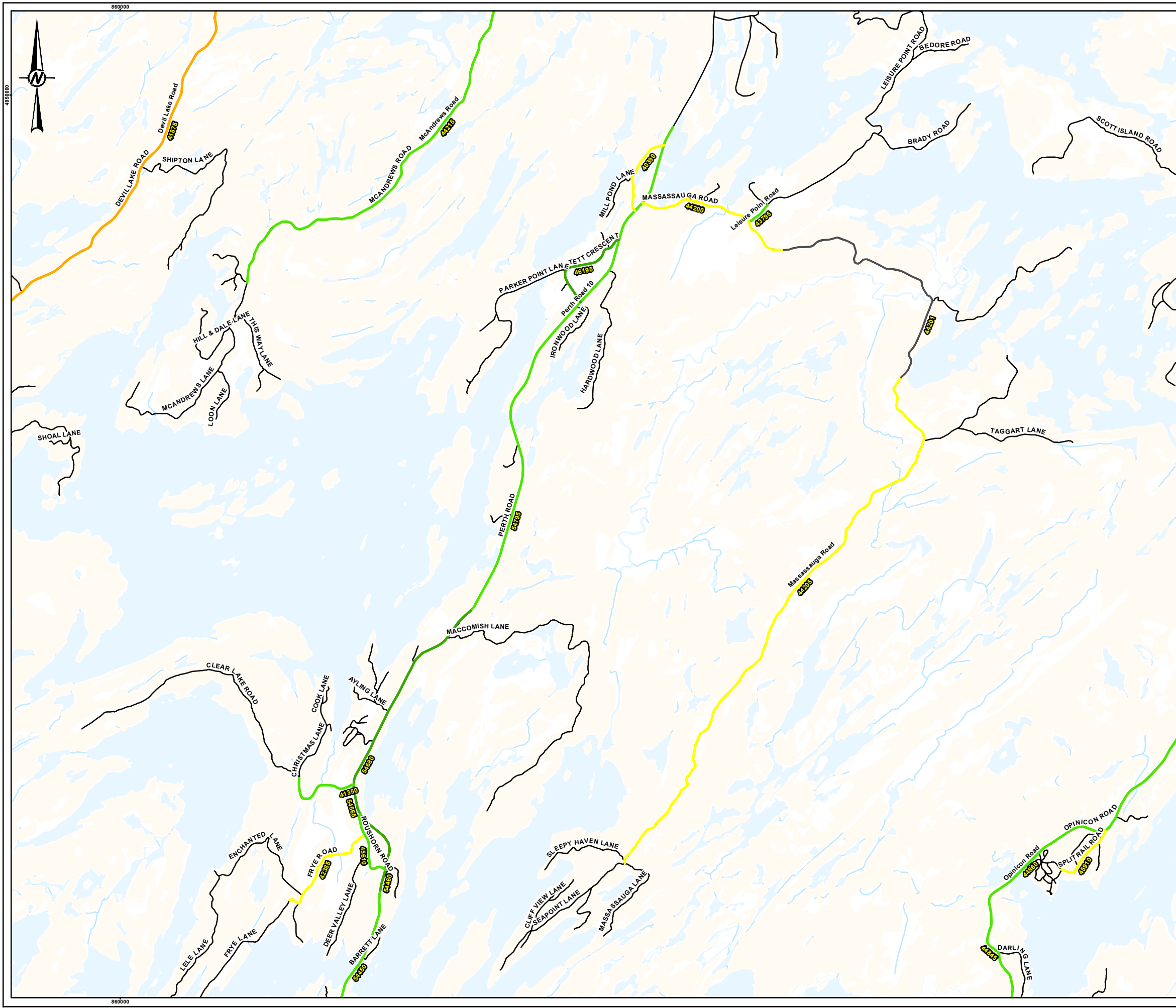
CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED	MM	
PREPARED	JR	
REVIEWED		
APPROVED		

wsp GOLDER

PROJECT NO.	CONTROL	REV.	FIGURE
21501017	0002	A	1-7

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\09_PRC\21501017\40_PRC\0001_Pavement\21501017_4001-CM-002.mxd PRINTED ON: 2022-09-19 AT: 1:29:37 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS B



LEGEND

ROAD SEGMENT

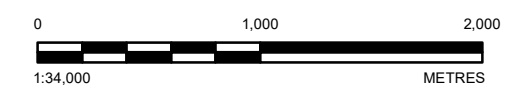
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

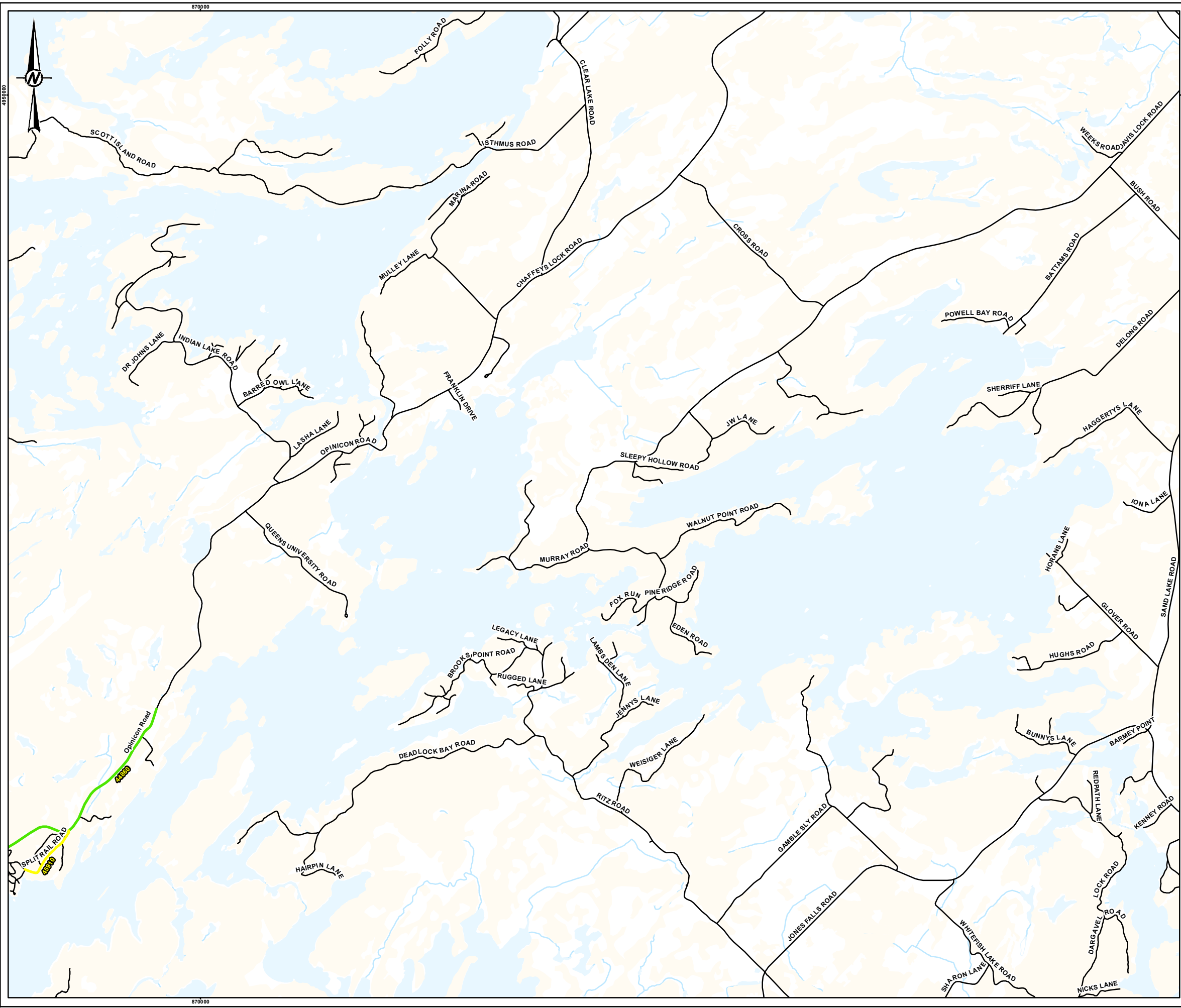
TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
	DESIGNED	MM
	PREPARED	JR
	REVIEWED	
	APPROVED	

PROJECT NO.	CONTROL	REV.	FIGURE
21501017	0002	A	1-8

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\09_PROJ\21501017\401_CAD\002.mxd PRINTED ON: 2022-09-19 AT: 1:29:45 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



LEGEND

ROAD SEGMENT

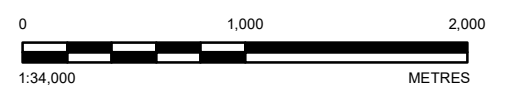
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

- BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
- PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

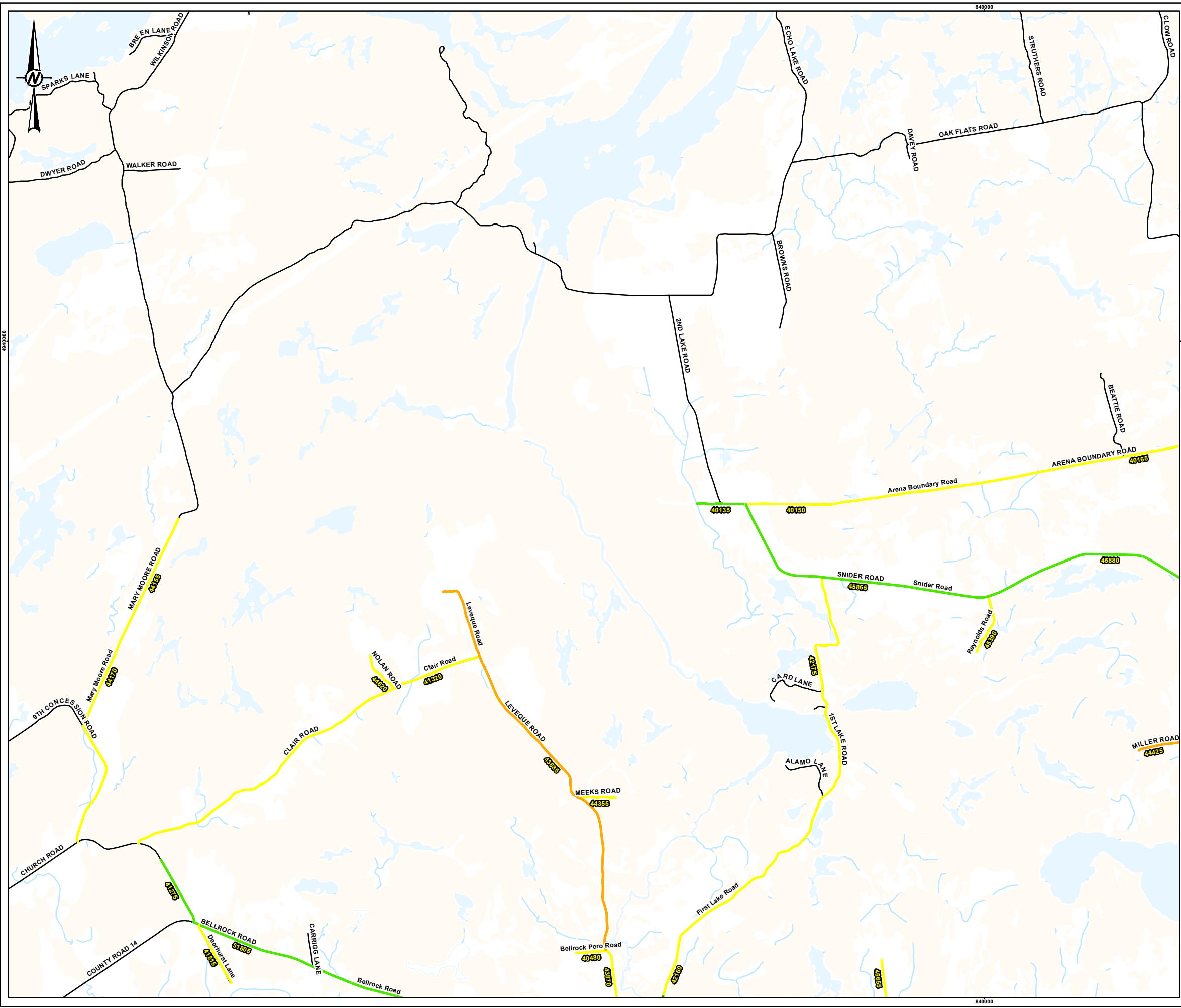
TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED	MM	
PREPARED	JR	
REVIEWED		
APPROVED		

PROJECT NO.	CONTROL	REV.	FIGURE
21501017	0002	A	1-9

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
	10	11	12	13
	15	16	17	18
	20	21	22	23
				24

DRAFT



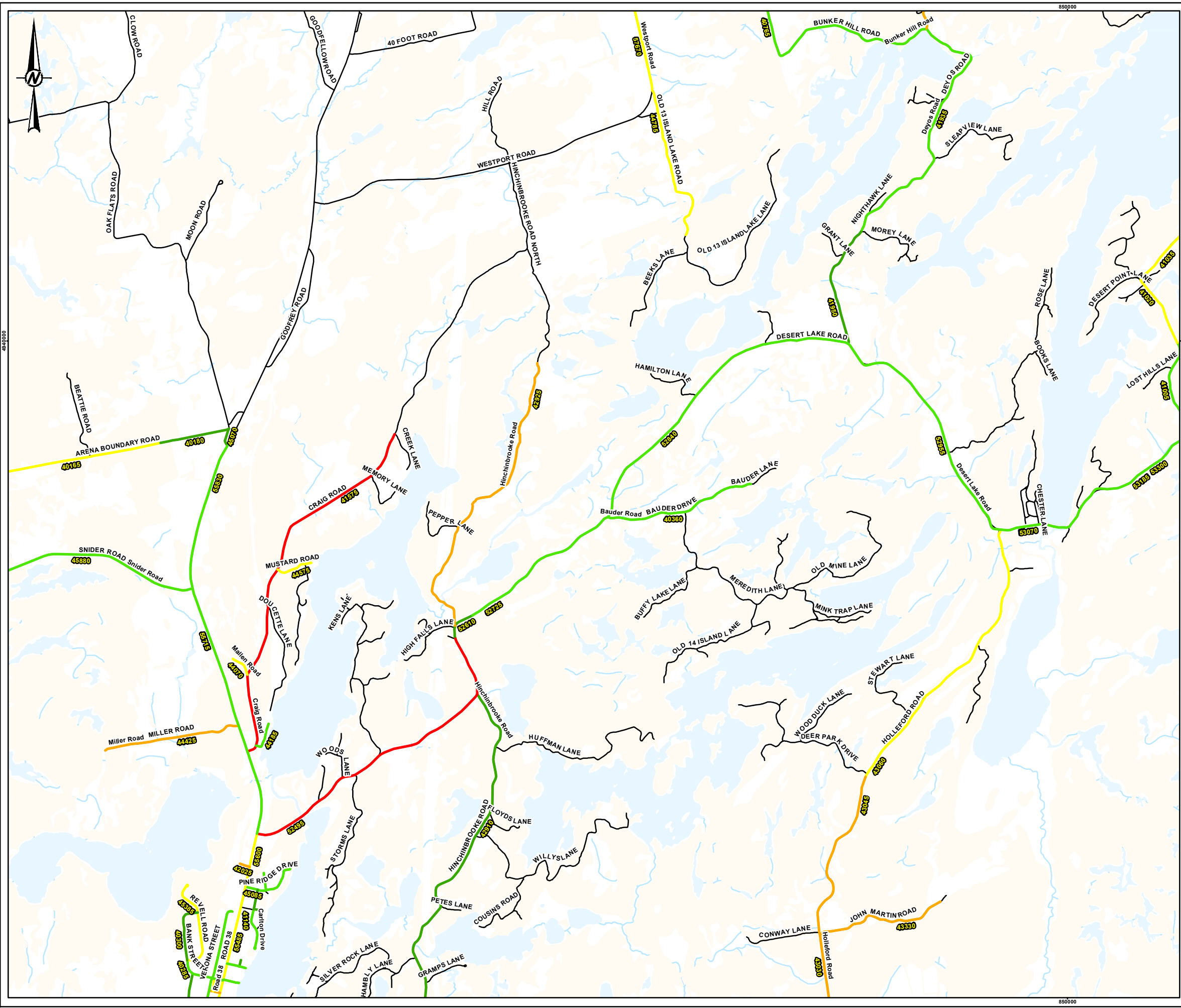
NOTE(S)

- REFERENCE(S)**
- BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
 - PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT			
THE TOWNSHIP OF SOUTH FRONTENAC			
PROJECT			
2022 ROADS NEEDS STUDY			
TITLE			
2022 ROAD CONDITIONS - DETAIL			
CONSULTANT		YYYY-MM-DD	2022-09-19
wsp GOLDER		DESIGNED	MM
		PREPARED	JR
		REVIEWED	
		APPROVED	
PROJECT NO.	CONTROL	REV.	FIGURE
21501017	0002	A	1-10

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\09_PROJ\21501017\401_CAD\002.mxd PRINTED ON: 2022-09-19 AT: 1:30:08 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



LEGEND

ROAD SEGMENT

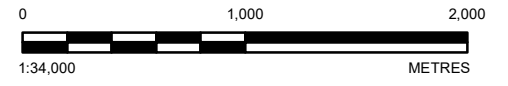
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

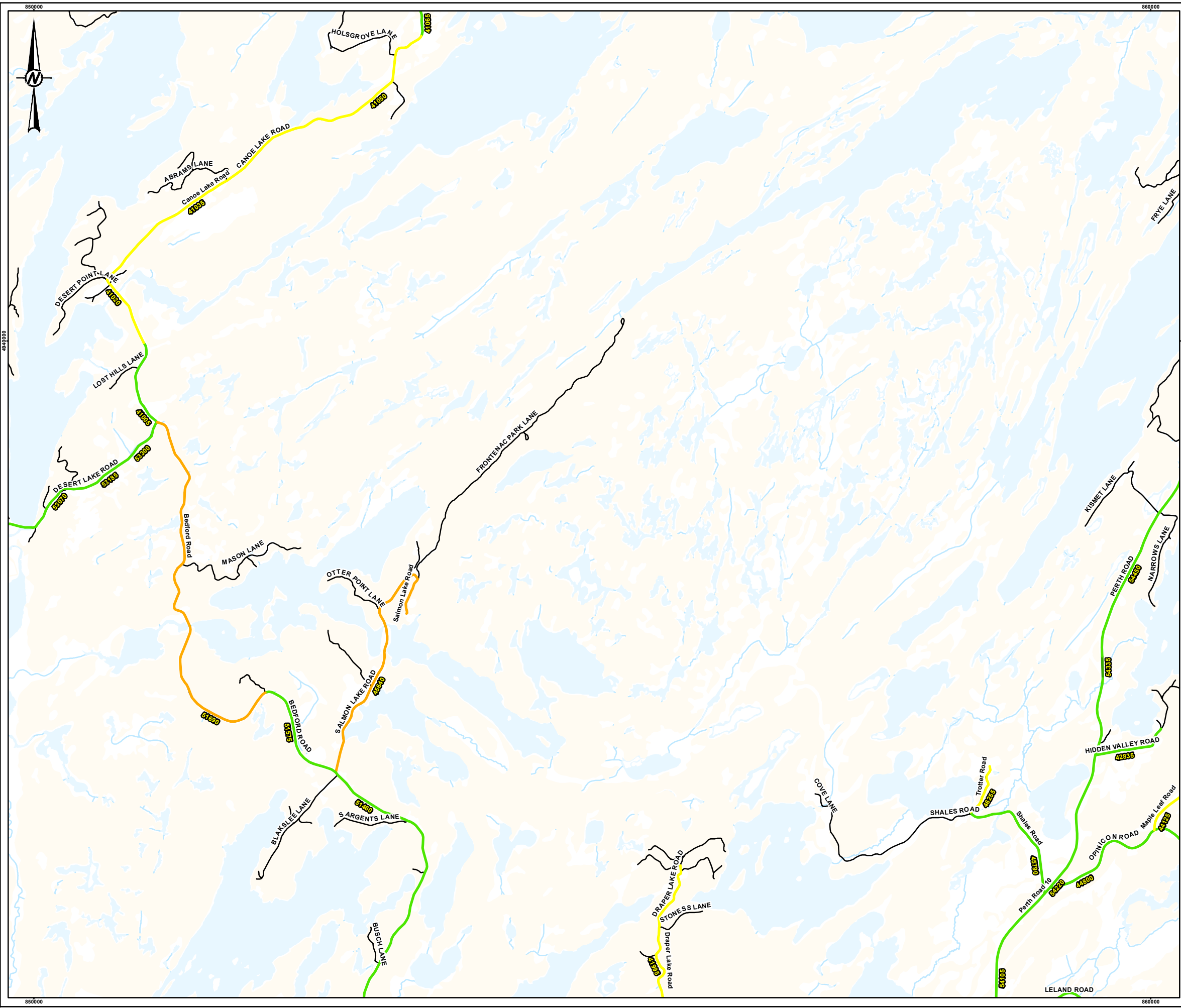
PROJECT
2022 ROADS NEEDS STUDY

TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED	MM	
PREPARED	JR	
REVIEWED		
APPROVED		

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

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- PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

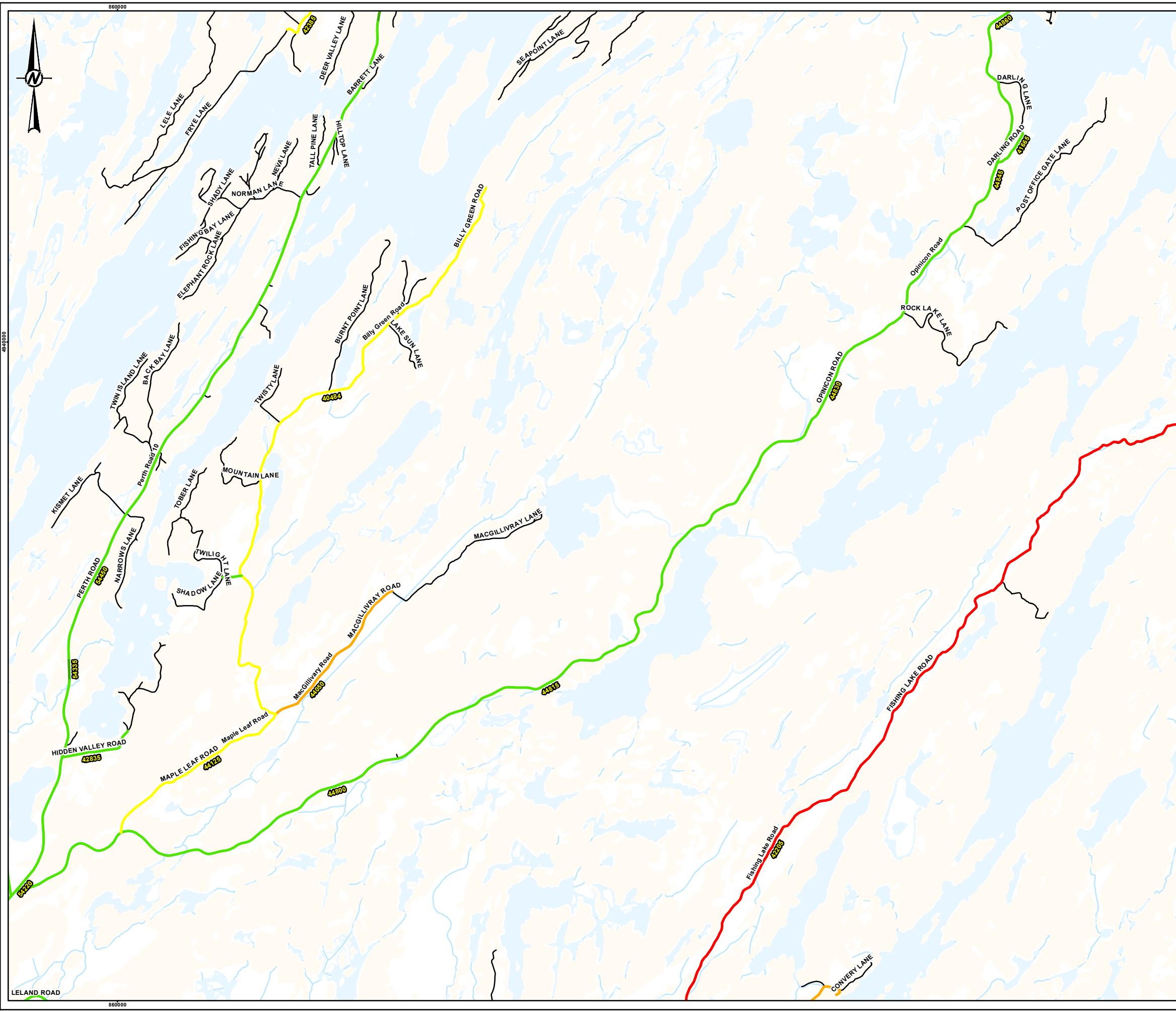
TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED	MM	
PREPARED	JR	
REVIEWED		
APPROVED		

PROJECT NO.	CONTROL	REV.	FIGURE
21501017	0002	A	1-12

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\09_PRC\21501017\40_PRC\0001_Pavement\21501017_4001_CM_002.mxd PRINTED ON: 2022-09-19 AT: 1:30:28 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS B



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

- REFERENCE(S)**
- BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
 - PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

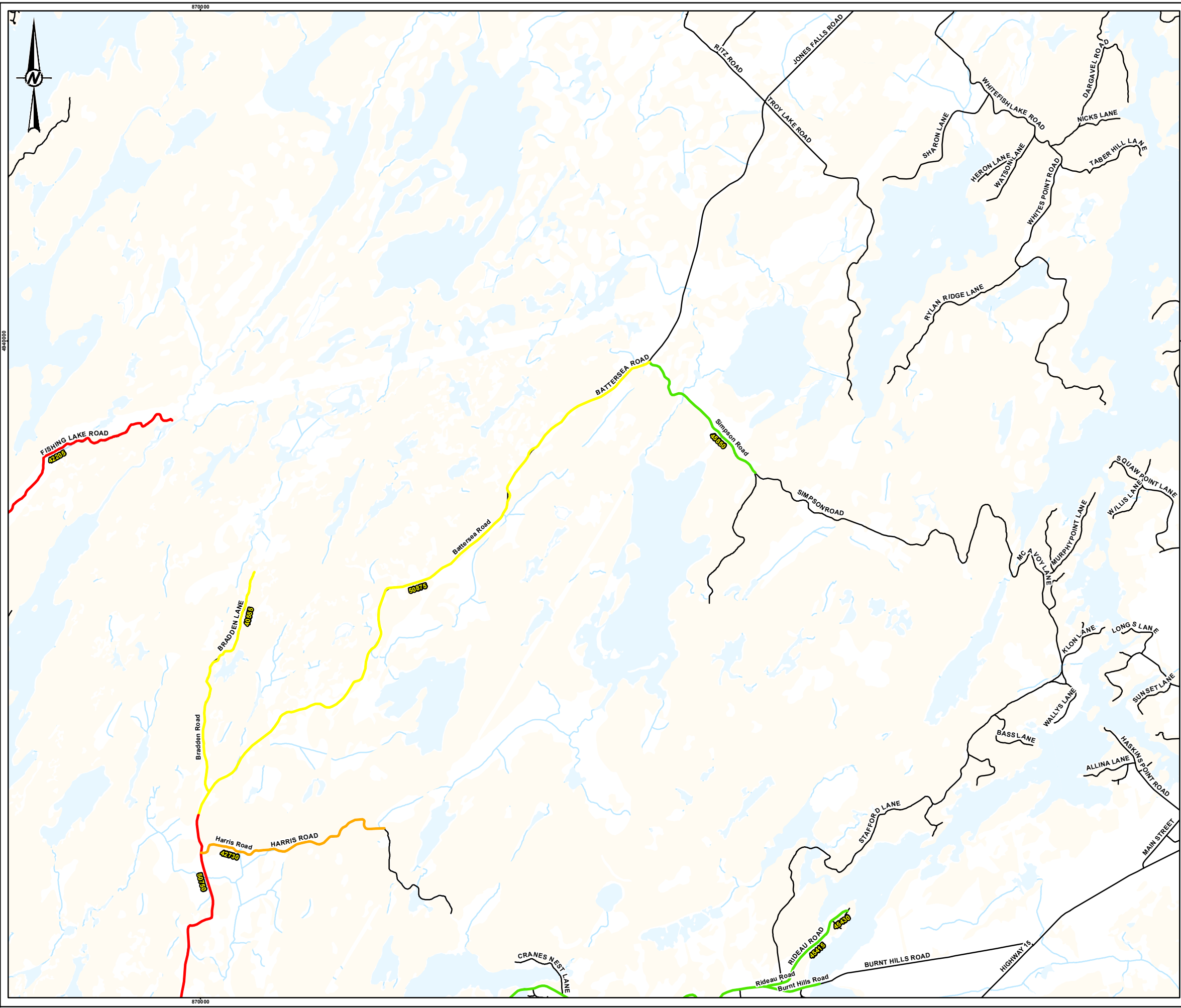
PROJECT
2022 ROADS NEEDS STUDY

TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
wsp GOLDER	DESIGNED	MM
	PREPARED	JR
	REVIEWED	
	APPROVED	

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\02_Pavement\21501017_001-CM-002.mxd PRINTED ON: 2022-09-19 AT: 1:30:38 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

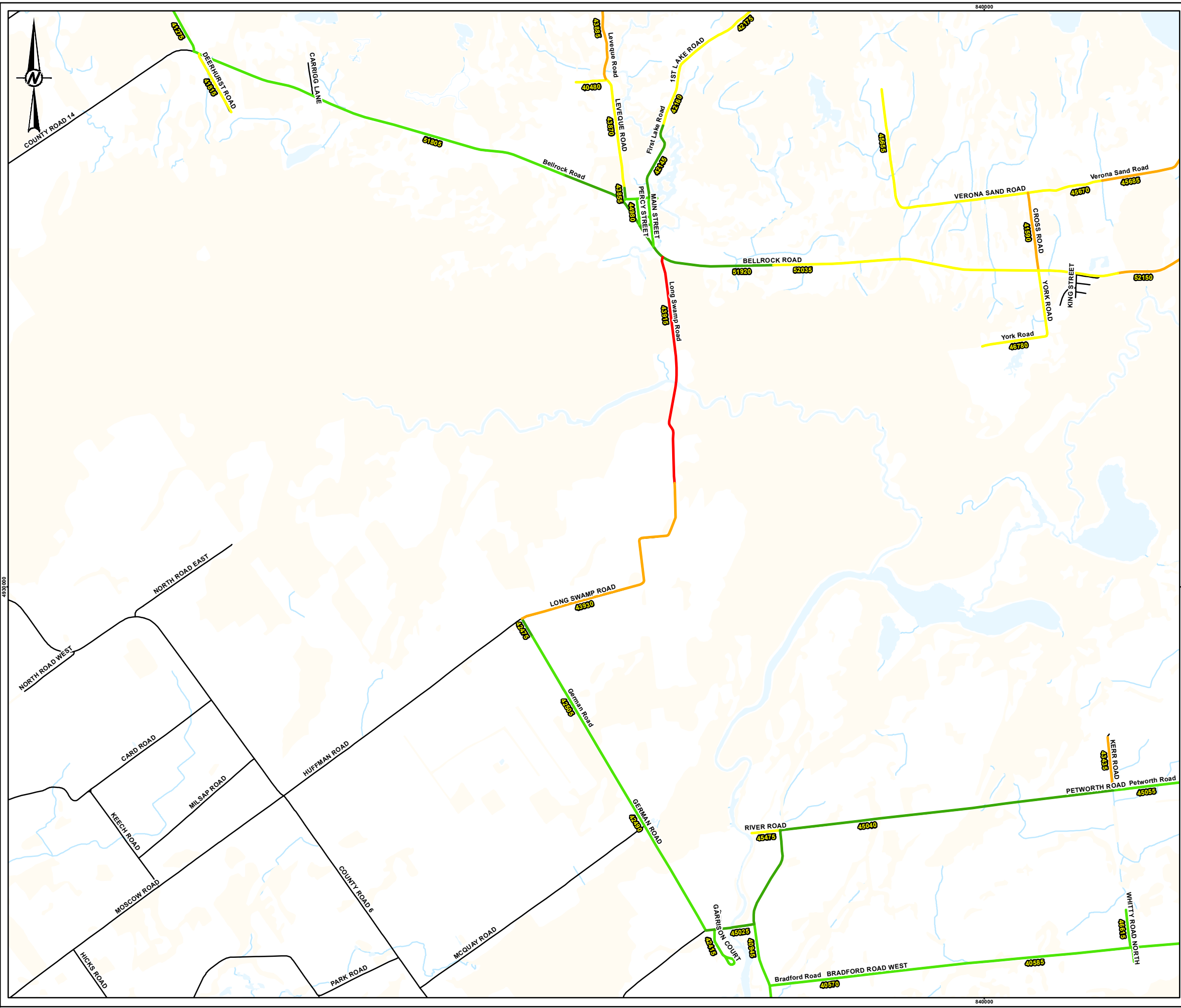
PROJECT
2022 ROADS NEEDS STUDY

TITLE
2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
wsp GOLDER	DESIGNED	MM
	PREPARED	JR
	REVIEWED	
	APPROVED	

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\09_PROJ\21501017\401_CAD\002.mxd PRINTED ON: 2022-09-19 AT: 1:30:47 PM

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



LEGEND

ROAD SEGMENT

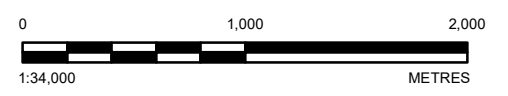
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

	1	2		
	3	4	5	
	6	7	8	9
10	11	12	13	14
15	16	17	18	19
20	21	22	23	24

DRAFT



NOTE(S)

REFERENCE(S)

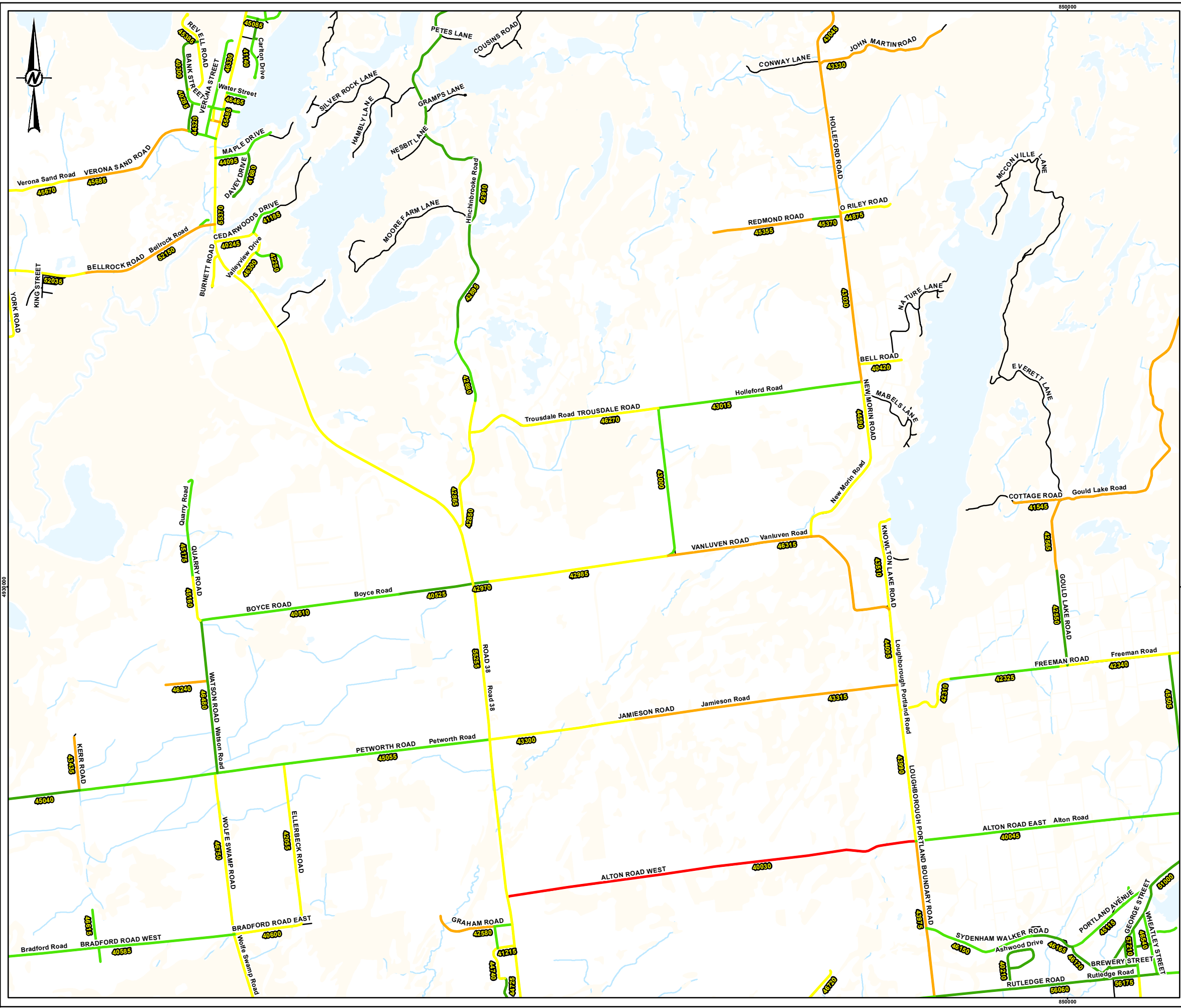
1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT			
THE TOWNSHIP OF SOUTH FRONTENAC			
PROJECT			
2022 ROADS NEEDS STUDY			
TITLE			
2022 ROAD CONDITIONS - DETAIL			
CONSULTANT		YYYY-MM-DD	2022-09-19
		DESIGNED	MM
		PREPARED	JR
		REVIEWED	
		APPROVED	
PROJECT NO.	CONTROL	REV.	FIGURE
21501017	0002	A	1-15

PATH: S:\Client\Township_of_South_Frontenac\County_Roads\09_PRC\21501017\40_PRC\0001_Pavement\21501017_4001-CM-002.mxd PRINTED ON: 2022-09-19 AT: 1:30:58 PM 483000

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS B 26mm



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

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NOTE(S)

REFERENCE(S)

- BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
- PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

CLIENT
THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

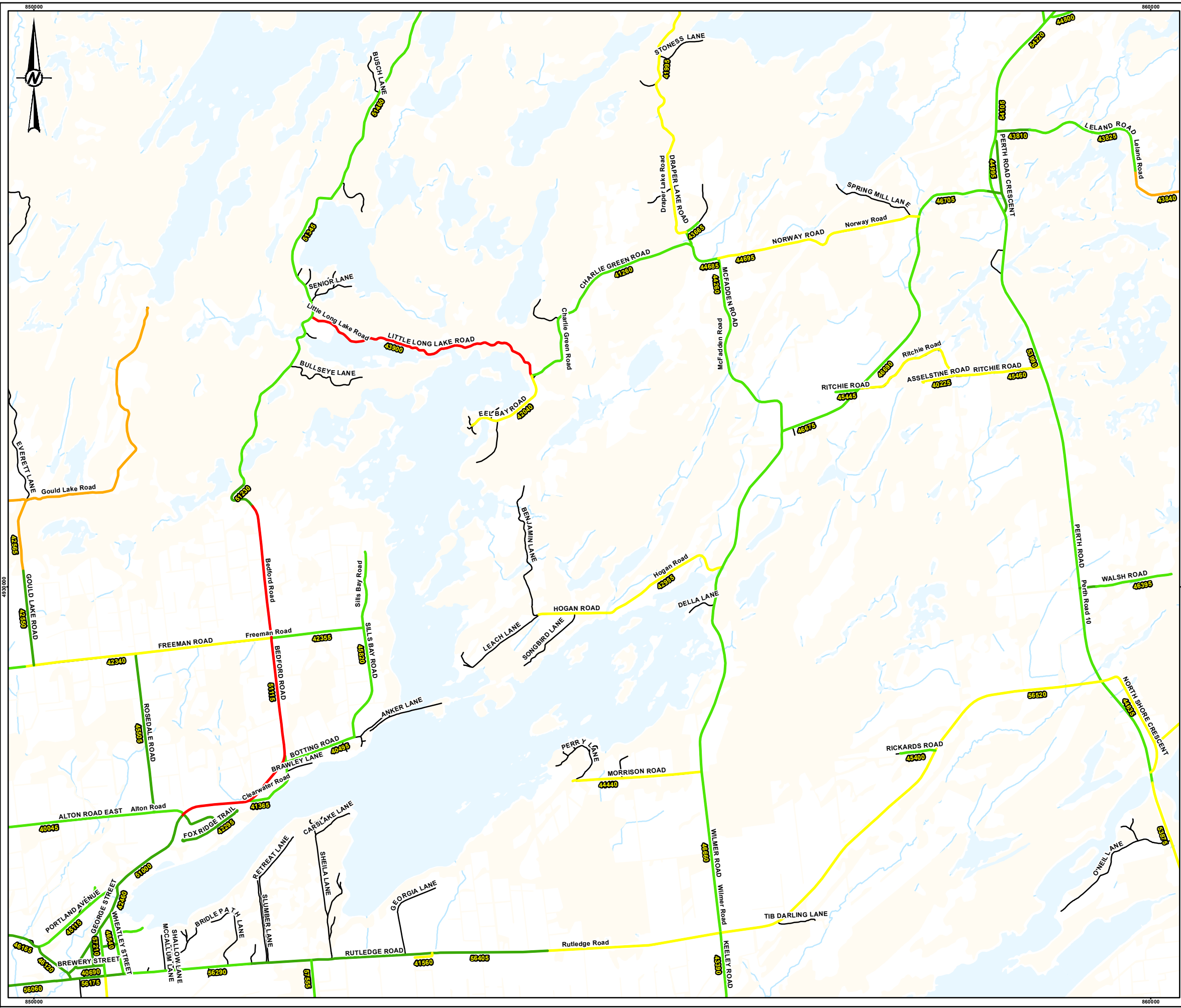
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CONSULTANT	YYYY-MM-DD	2022-09-19
DESIGNED	MM	
PREPARED	JR	
REVIEWED		
APPROVED		

PROJECT NO. 21501017 **CONTROL** 0002 **REV.** A **FIGURE** 1-16

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LEGEND

ROAD SEGMENT

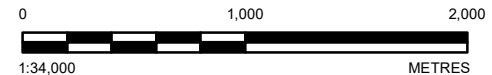
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

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NOTE(S)

REFERENCE(S)

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THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

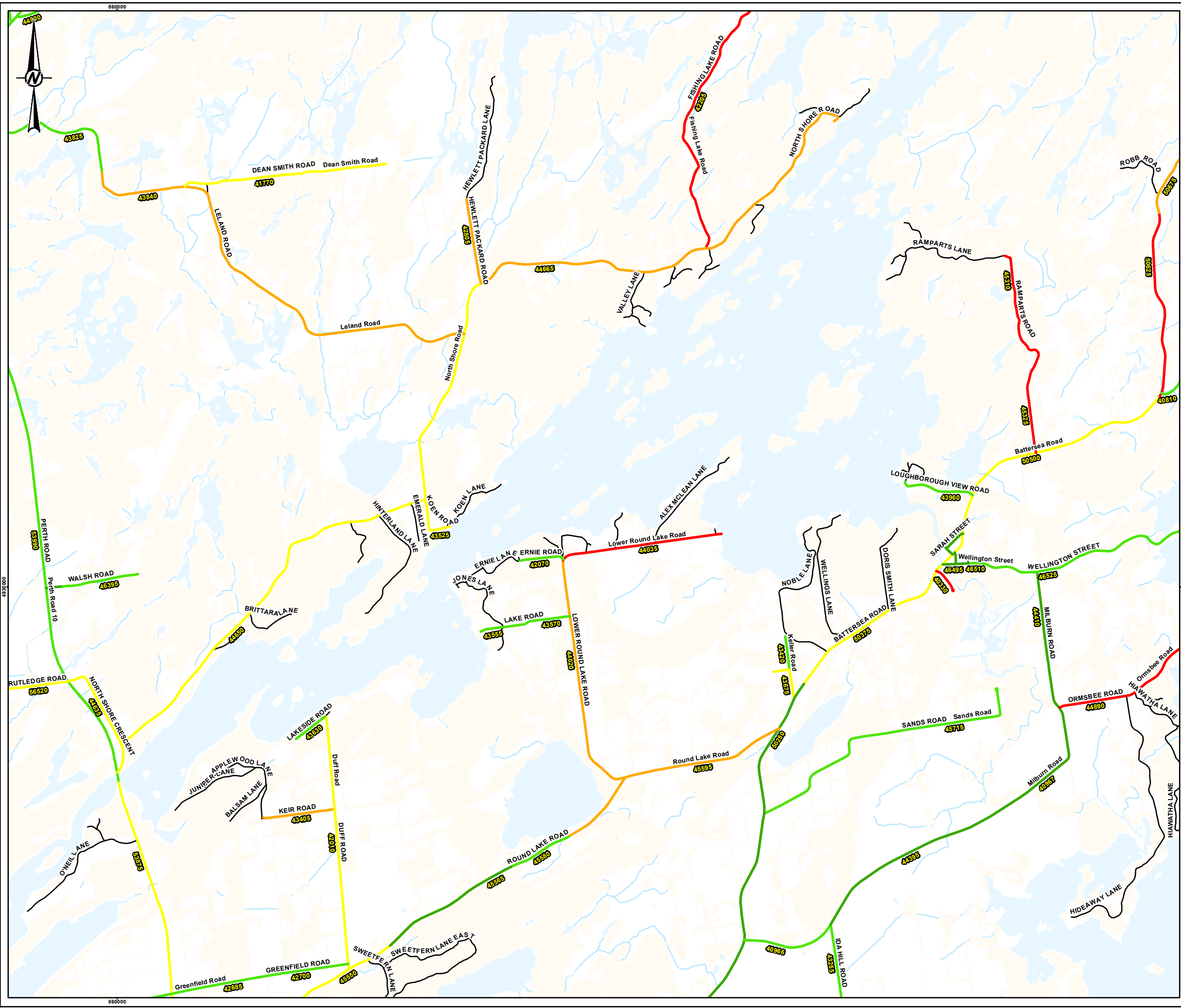
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	PREPARED	JR
	REVIEWED	
	APPROVED	

PROJECT NO. 21501017 CONTROL 0002 REV. A FIGURE 1-17

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

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NOTE(S)

REFERENCE(S)

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THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

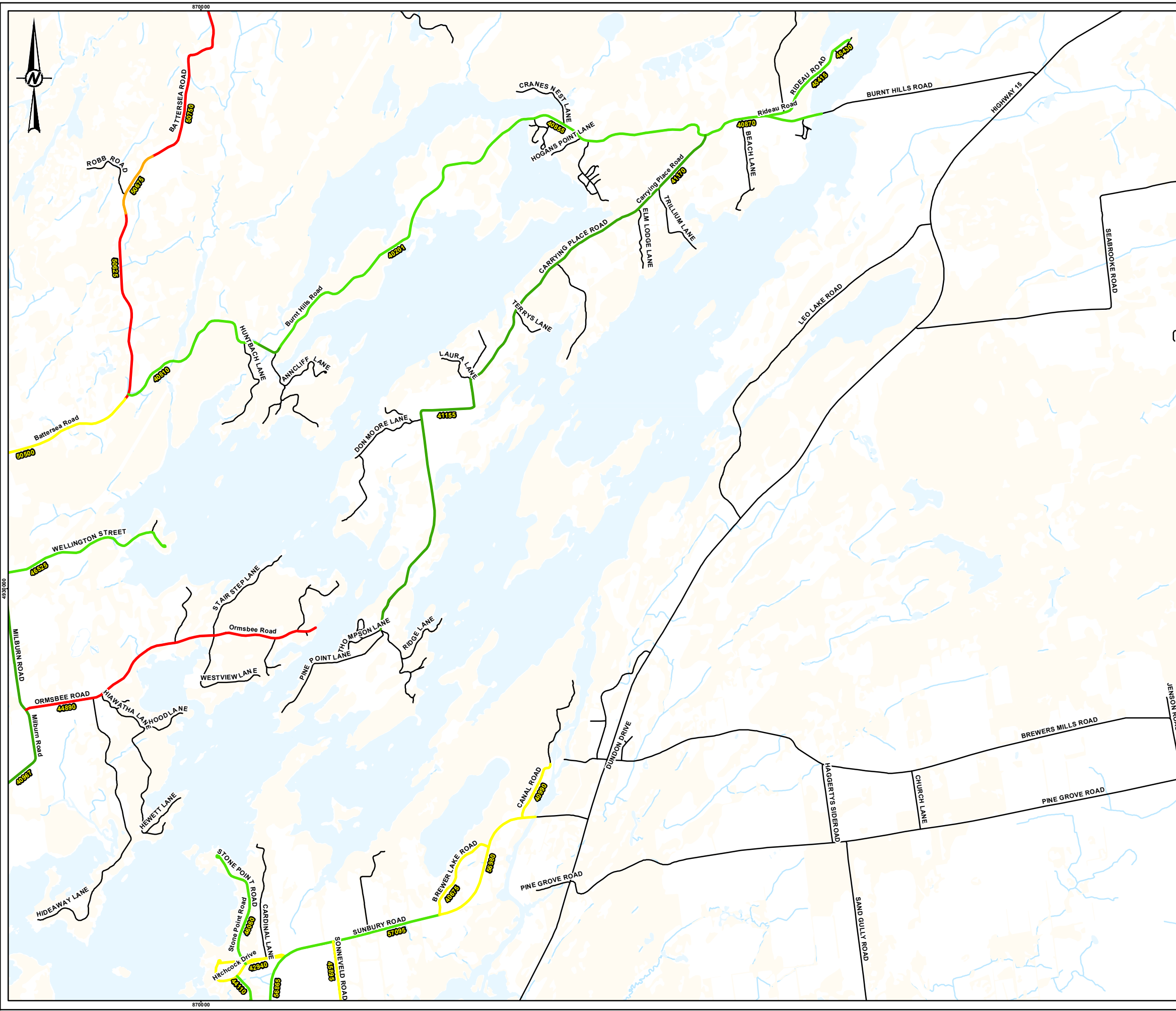
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PREPARED	JR	
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APPROVED		

PROJECT NO. 21501017 **CONTROL** 0002 **REV.** A **FIGURE** 1-18

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LEGEND

ROAD SEGMENT

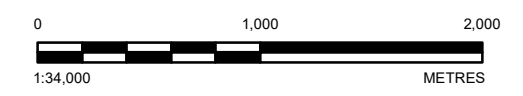
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

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NOTE(S)

REFERENCE(S)

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THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

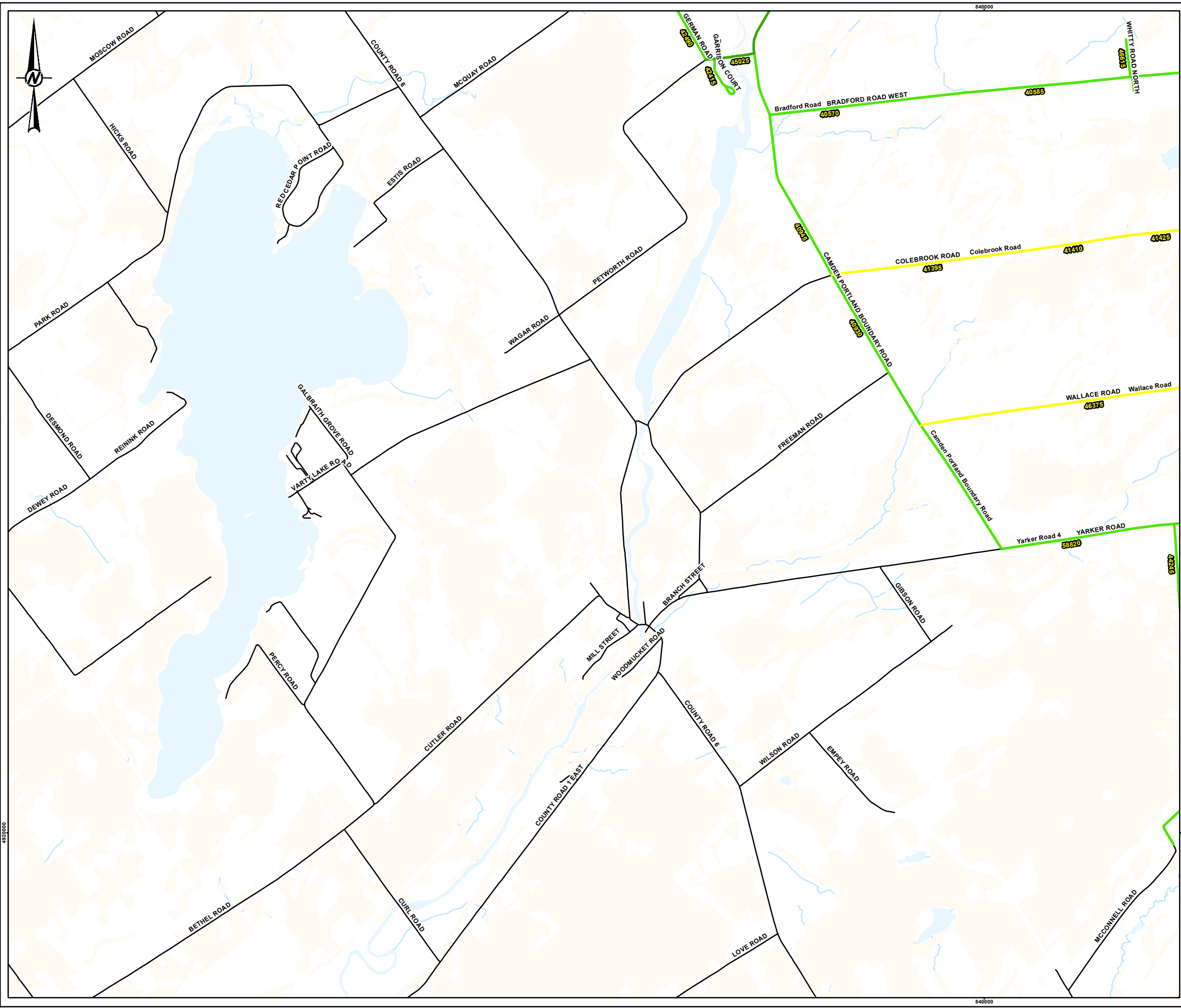
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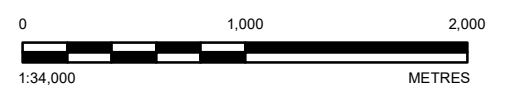
PAVEMENT CONDITION RATING

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- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

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NOTE(S)

REFERENCE(S)

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- PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

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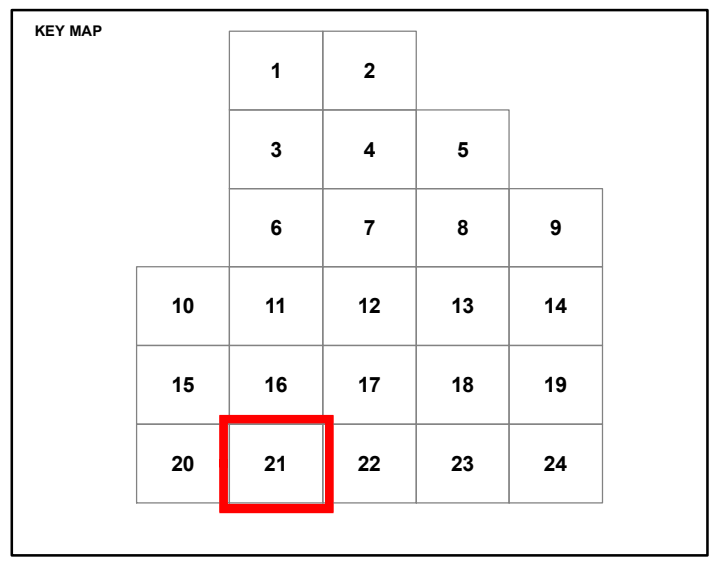
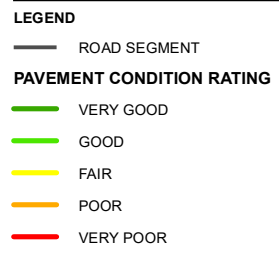
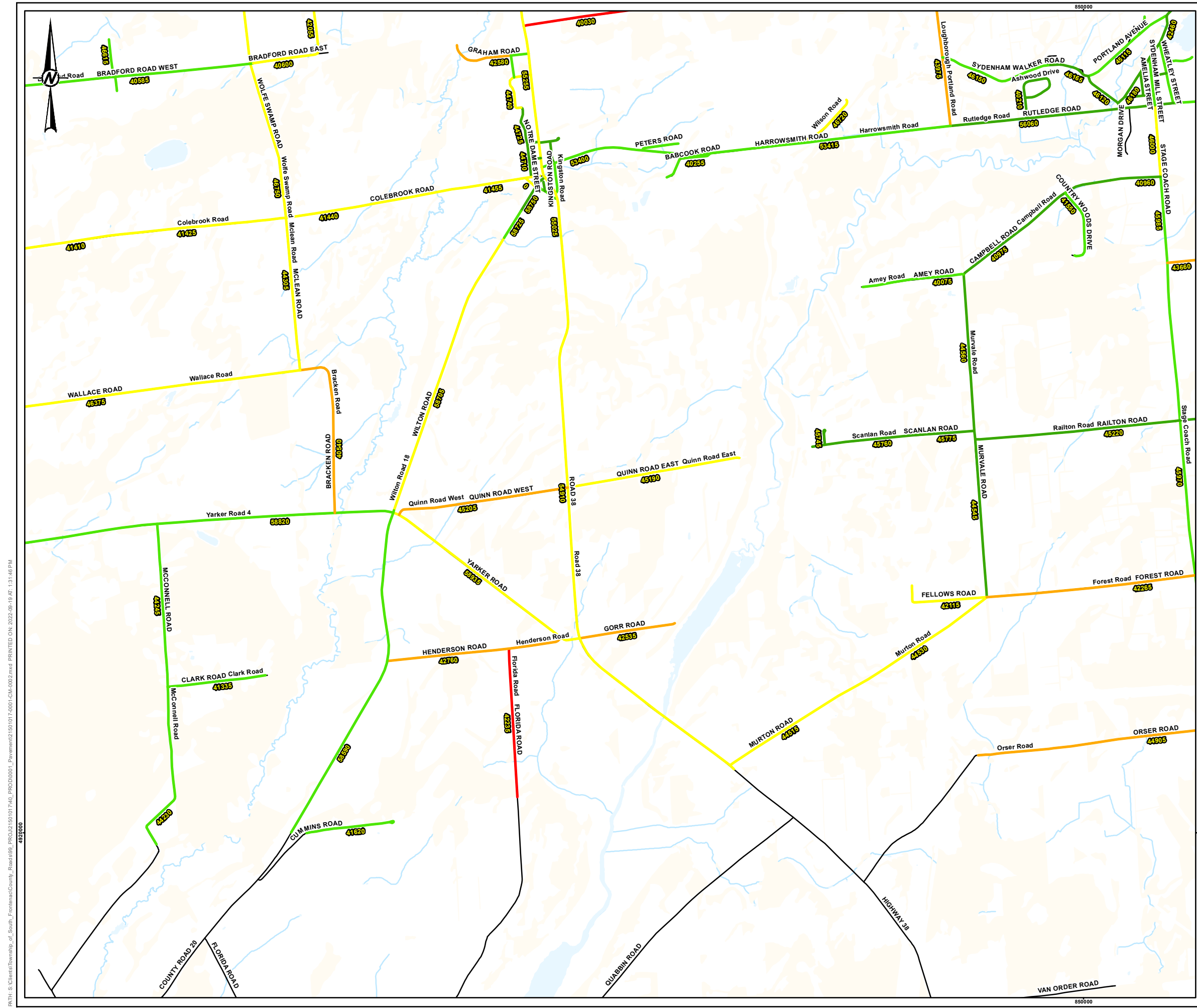
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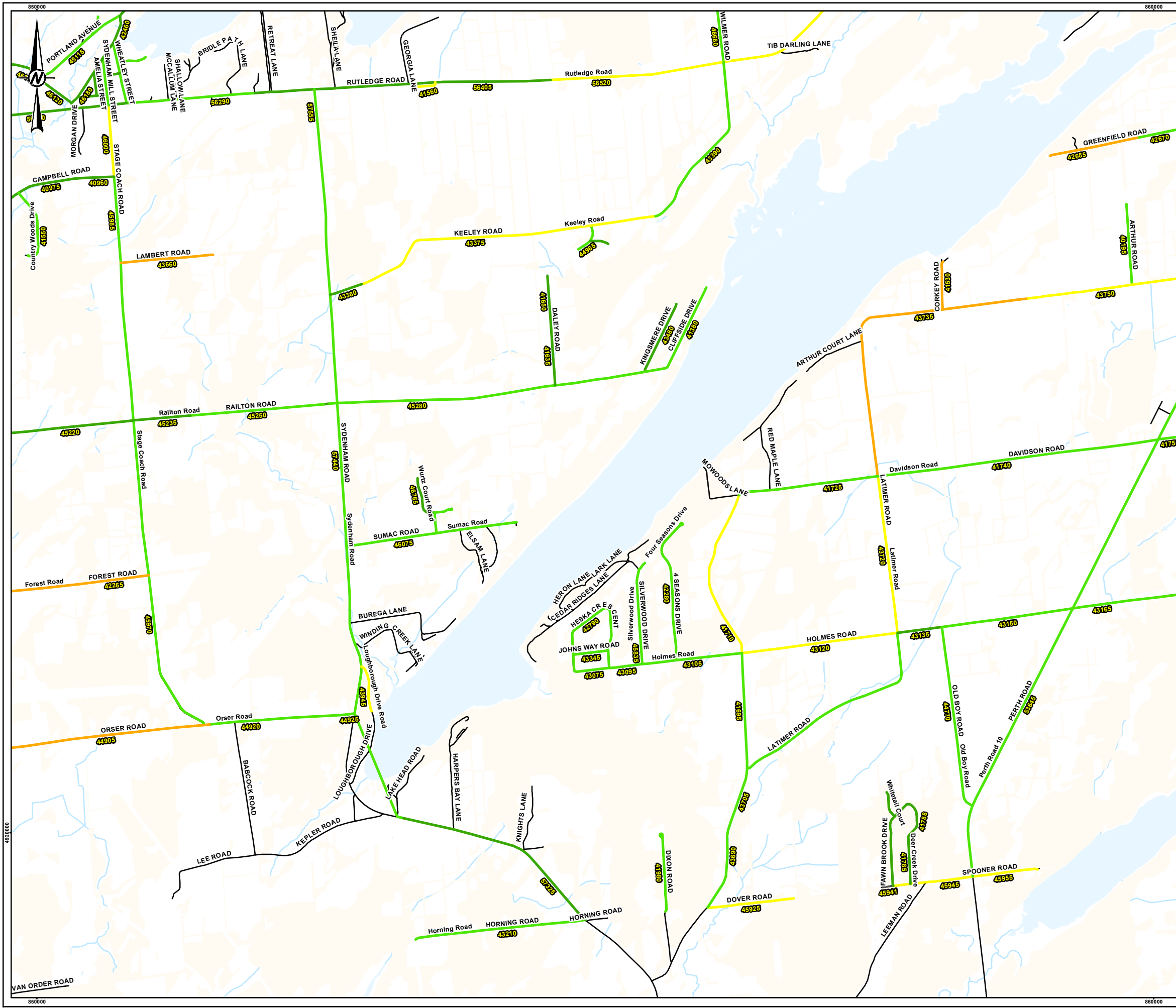
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1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS B
 25mm



LEGEND

ROAD SEGMENT

PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

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NOTE(S)

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1. BASE IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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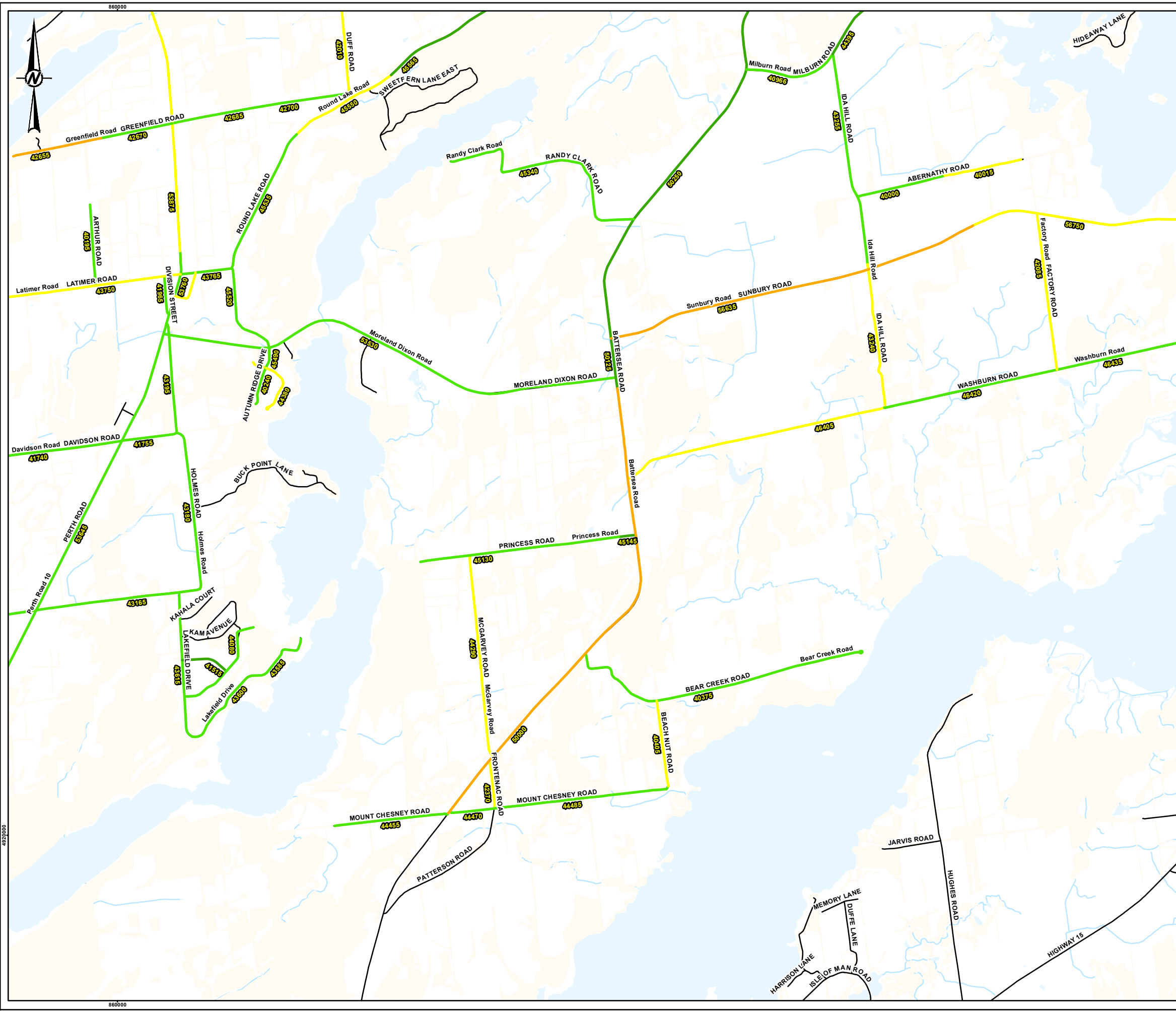
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2022 ROADS NEEDS STUDY

TITLE
2022 ROAD CONDITIONS - DETAIL

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LEGEND

ROAD SEGMENT

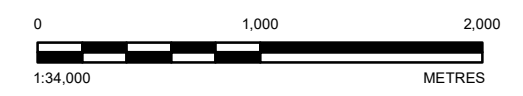
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

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NOTE(S)

- REFERENCE(S)**
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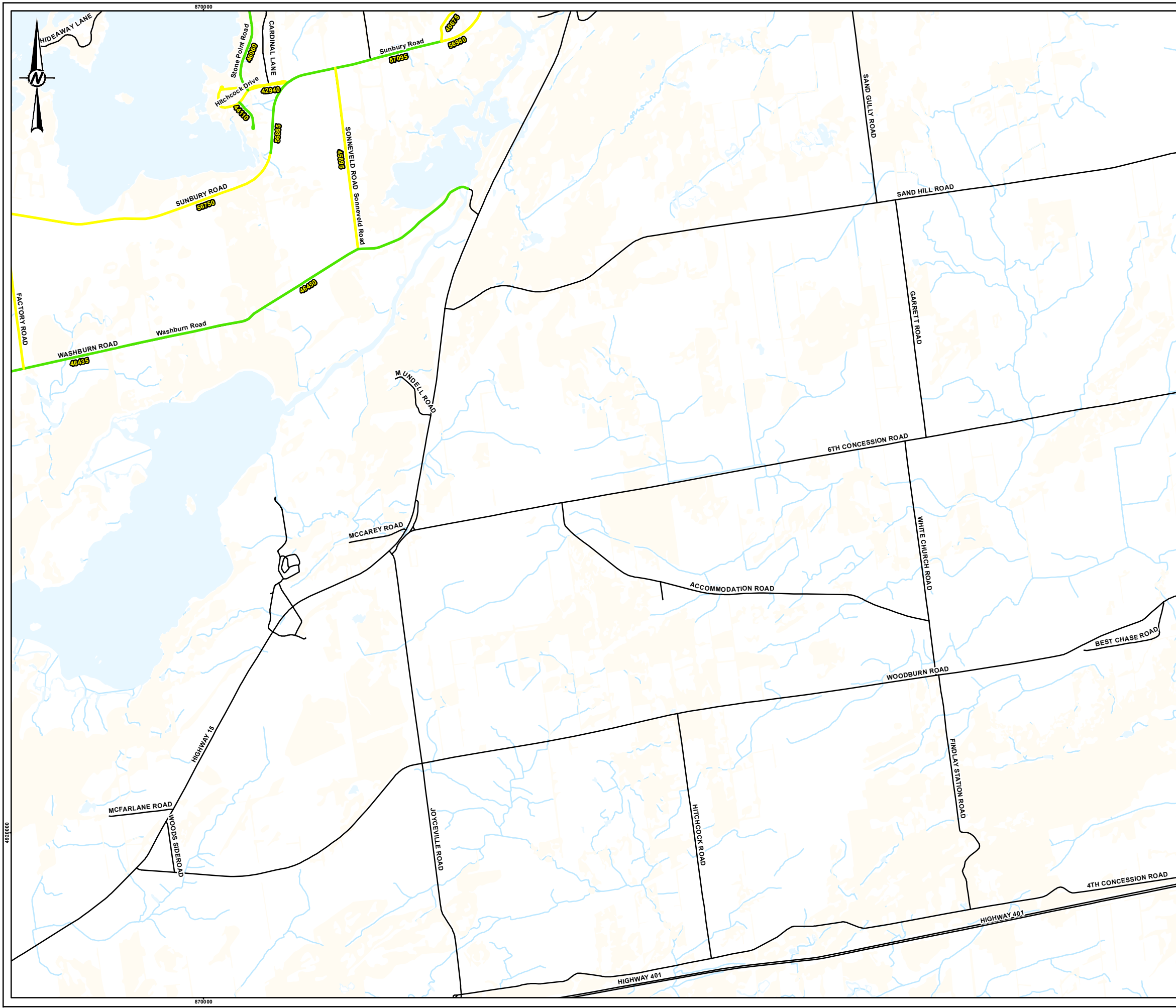
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2022 ROADS NEEDS STUDY

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2022 ROAD CONDITIONS - DETAIL

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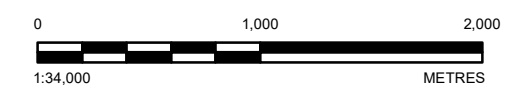
PAVEMENT CONDITION RATING

- VERY GOOD
- GOOD
- FAIR
- POOR
- VERY POOR

KEY MAP

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NOTE(S)

REFERENCE(S)

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2. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD83; COORDINATE SYSTEM: UTM ZONE 17.

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THE TOWNSHIP OF SOUTH FRONTENAC

PROJECT
2022 ROADS NEEDS STUDY

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2022 ROAD CONDITIONS - DETAIL

CONSULTANT	YYYY-MM-DD	2022-09-19
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APPENDIX C

**2022 South Frontenac Road
Inventory**

Township of South Fontenac 2022 Road Needs Study
(Hot Mix Asphalt Roads)

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
50125	Battersea Road	Moreland Dixon Road	Sunbury Road	Major Arterial	Urban	3	4099	500	7	Hot Mix Asphalt	96	8.5	10
43360	Keeley Road	Sydenham Road	0.30km East of Sydenham Road	Collector	Rural	4	526	300	8	Hot Mix Asphalt	96	8.5	10
40690	Brewery Street	William Street	Sydenham Mill Street	Local	Urban	5	300	200	7	Hot Mix Asphalt	95	8	10
41305	Church Street (Harrowsmith)	Road 38	East End of Road	Local	Urban	5	100	200	7	Hot Mix Asphalt	95	8	10
46545	Whitetail Court	Fawn Brook Drive	North End of Road	Local	Rural	5	45	240	6	Hot Mix Asphalt	95	8	10
46712	Wilmer Road	Perth Road 10	Perth Road Crescent	Local	Urban	4	428	50	7	Hot Mix Asphalt	95	8	10
42108	Fawn Brook Drive	0.40km North of Spooner Road	Whitetail Court	Local	Rural	5	160	260	6	Hot Mix Asphalt	94	8.5	9.8
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Minor Arterial	Rural	3	6513	1400	7	Hot Mix Asphalt	94	8.5	9.8
46645	William Street	Rutledge Road	Church Street (Harrowsmith)	Local	Urban	4	100	200	7	Hot Mix Asphalt	93	8	9.8
58750	Wilton Road 18	0.37km West of Road 38	0.12km West of Road 38	Major Arterial	Urban	3	3014	250	8	Hot Mix Asphalt	93	8	9.8
40315	Battersea Cross Street	Wellington Street	Battersea Road	Local	Urban	5	100	100	6	Hot Mix Asphalt	92	8	9.7
40345	Battersea Water Street	North End of Road	Battersea Road	Local	Urban	5	150	100	7	Hot Mix Asphalt	92	8	9.7
42445	George Street	Sydenham Mill Street	Wheatley Street	Major Arterial	Urban	4	2000	150	8	Hot Mix Asphalt	92	8.5	9.5
46495	Wellington Street	Battersea Road	United Street	Local	Urban	4	295	250	7	Hot Mix Asphalt	92	8	9.7
46710	Wilmer Road	0.05km West of Perth Road 10	Perth Road 10	Local	Urban	4	428	50	6	Hot Mix Asphalt	92	7.5	9.8
41788	Deer Creek Drive	0.4km North of Spooner Road	Whitetail Court	Local	Rural	5	110	560	6	Hot Mix Asphalt	91	8	9.6
44935	Ottawa Street	Railway Street	North End of Road	Local	Urban	5	100	100	6	Hot Mix Asphalt	91	8	9.6
46180	Sydenham William Street	Rutledge Road	Sydenham Mill Street	Collector	Urban	5	1200	500	8	Hot Mix Asphalt	91	8.5	9.4
46390	Walsh Road	Perth Road 10	0.15km East of Perth Road 10	Local	Rural	6	41	650	4	Hot Mix Asphalt	91	8	9.6
40180	Arena Boundary Road	2.15km East of Davey Road	Piccadilly Road	Local	Rural	4	237	450	6	Hot Mix Asphalt	90	8	9.5
51920	Bellrock Road	Bellrock Mill Street	Long Swamp Road	Minor Arterial	Rural	3	1552	2100	10	Hot Mix Asphalt	90	8.5	9.3
41200	Cemetery Road	Water Street	North End of Road	Local	Rural	6	49	50	5	Hot Mix Asphalt	90	7	9.8
41290	Church Street (Harrowsmith)	Notre Dame Street	Road 38	Local	Urban	5	100	100	10	Hot Mix Asphalt	90	8	9.5
41680	Davey Drive	South End of Road	Maple Drive	Local	Rural	5	100	450	7	Hot Mix Asphalt	90	7.5	9.6
44710	Notre Dame Street	Colebrook Road	Church Street (Harrowsmith)	Local	Urban	5	516	350	7	Hot Mix Asphalt	90	8	9.5
46135	Sydenham Cross Street	Sydenham Mill Street	Wheatley Street	Local	Urban	5	200	150	6	Hot Mix Asphalt	90	8	9.5
40060	Amelia Street	Brewery Street	William Street	Local	Urban	5	200	200	8	Hot Mix Asphalt	89	8	9.3
40525	Boyce Road	0.7km West of Road 38	Road 38	Local	Rural	4	585	680	6	Hot Mix Asphalt	89	8	9.4
43645	Lakeview Drive	Salmon Drive	Pine Ridge Road	Local	Rural	6	49	150	6	Hot Mix Asphalt	89	7	9.7
44140	Maria Street	Notre Dame Street	Road 38	Local	Urban	5	100	100	8	Hot Mix Asphalt	89	8	9.4
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Minor Arterial	Rural	3	1800	400	7	Hot Mix Asphalt	89	8	9.4
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorn Road	Minor Arterial	Rural	3	1910	500	7	Hot Mix Asphalt	89	8	9.3
44995	Perth Road Crescent	Perth Road 10	Perth Road 10	Local	Urban	4	249	600	7	Hot Mix Asphalt	89	8	9.3
45070	Piccadilly Road	Road 38	Arena Boundary Road	Local	Rural	4	250	150	6	Hot Mix Asphalt	89	8	9.3
45265	Railton Road	Sydenham Road	0.05km East of Sydenham Road	Collector	Rural	4	958	50	6	Hot Mix Asphalt	89	7.5	9.5
56405	Rutledge Road	Storm Haven Lane	2.20km East of Sydenham Road	Minor Arterial	Rural	3	4783	2750	9	Hot Mix Asphalt	89	8	9.3
56175	Rutledge Road	0.13km West of Sydenham Church Street	Wheatley Street	Major Arterial	Urban	3	6513	550	10	Hot Mix Asphalt	89	8	9.4
57325	Sydenham Road	Horning Road	2.00km North of Horning Road	Minor Arterial	Rural	2	5638	2000	9	Hot Mix Asphalt	89	8.5	9.2
58775	Wilton Road 18	0.12km West of Road 38	Road 38	Major Arterial	Urban	3	3014	120	11	Hot Mix Asphalt	89	8	9.4
50250	Battersea Road	Sunbury Road	Larry York Road	Minor Arterial	Rural	3	2911	5200	7	Hot Mix Asphalt	88	8	9.2
41800	Deer Run Way	Fox Ridge Trail	Bedford Road	Local	Rural	5	227	450	6	Hot Mix Asphalt	88	7.5	9.4
54565	Perth Road 10	Roushorn Road	Clear Lake Road	Minor Arterial	Rural	3	1910	500	7	Hot Mix Asphalt	88	8	9.2
54680	Perth Road 10	Clear Lake Road	McComish Lane	Minor Arterial	Rural	3	1800	2100	10	Hot Mix Asphalt	88	8	9.2
46120	Sydenham Church Street	William Street	Portland Avenue	Local	Rural	5	286	400	6	Hot Mix Asphalt	88	8	9.2
46165	Sydenham Walker Road	Rock Quarry Lane	Sydenham Church Street	Local	Rural	4	441	400	6	Hot Mix Asphalt	88	8	9.2
40465	Bellrock Pepper Street	Bellrock Road	First Lake Road	Local	Rural	6	49	100	3	Hot Mix Asphalt	87	7.5	9.3
42460	George Street	Wheatley Street	Portland Avenue	Major Arterial	Urban	4	2000	200	9	Hot Mix Asphalt	87	8.5	9
42970	Holleford Road	Road 38	0.15km East of Road 38	Local	Urban	4	872	150	8	Hot Mix Asphalt	87	8	9.1
45730	Sarah Street	Water Street	Battersea Road	Local	Rural	5	150	200	7	Hot Mix Asphalt	87	7.5	9.3
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Minor Arterial	Rural	4	883	300	8	Hot Mix Asphalt	86	7.5	9.2
51000	Bedford Road	Portland Avenue	Alton Road	Major Arterial	Urban	4	1472	1000	8	Hot Mix Asphalt	86	7.5	9.2
42105	Fawn Brook Drive	Spooner Road	0.40km North of Spooner Road	Local	Rural	5	160	400	6	Hot Mix Asphalt	86	8.5	8.9
42295	Fox Ridge Trail	West End of Road	East End of Road	Local	Rural	5	100	600	6	Hot Mix Asphalt	86	7.5	9.2
43855	Leveque Road	Bellrock Mill Street	0.10km North of Bellrock Mill Street	Local	Rural	6	45	100	4	Hot Mix Asphalt	86	7.5	9.2
44320	McMahon Drive	Verona Sand Road	Bank Street	Local	Rural	5	100	250	6	Hot Mix Asphalt	86	7.5	9.2

**Township of South Fontenac 2022 Road Needs Study
(Hot Mix Asphalt Roads)**

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
44725	Notre Dame Street	Church Street (Harrowsmith)	0.35km South of Centennial Park Road	Local	Urban		5 100	350	8	Hot Mix Asphalt	86	7.5	9.2
45145	Princess Road	0.15km West of Battersea Road	Battersea Road	Local	Rural		5 366	150	7	Hot Mix Asphalt	86	8	9
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Minor Arterial	Rural		3 1910	200	7	Hot Mix Asphalt	85	7.5	9.1
45625	Salmon Drive	Lakeview Drive	East End of Road	Local	Rural		6 49	100	5	Hot Mix Asphalt	85	7	9.3
42520	Goodrich Street	Percy Street	Main Street	Local	Rural		6 49	100	4	Hot Mix Asphalt	84	7.5	9
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Major Arterial	Urban		3 3442	450	7	Hot Mix Asphalt	84	7.5	9
54795	Perth Road 10	0.85km North of McComish Lane	6.00km North of McComish Lane	Minor Arterial	Rural		3 1764	5150	7	Hot Mix Asphalt	84	8	8.8
58725	Wilton Road 18	0.65km West of Road 38	0.37km West of Road 38	Major Arterial	Urban		3 3014	280	12	Hot Mix Asphalt	84	8	8.8
42430	Genge Street	Road 38	East End of Road	Local	Rural		6 49	100	7	Hot Mix Asphalt	83	7.5	8.9
53415	Harrowsmith Road	0.45km East of Road 38	Loughborough Portland Road	Minor Arterial	Rural		3 3442	3200	10	Hot Mix Asphalt	83	8	8.7
56290	Rutledge Road	Wheatley Street	Storm Haven Lane	Major Arterial	Urban		3 6513	1100	10	Hot Mix Asphalt	83	8	8.7
57555	Sydenham Road	1.45km North of Keeley Road	Rutledge Road	Minor Arterial	Rural		2 4643	350	9	Hot Mix Asphalt	83	8	8.7
58820	Yarker Road 4	Camden Portland Boundary Road	Wilton Road 18	Minor Arterial	Rural		3 2027	3750	10	Hot Mix Asphalt	83	8.5	8.5
40435	Bellrock Mill Street	Bellrock Road	First Lake Road	Local	Urban		5 100	250	5	Hot Mix Asphalt	82	7.5	8.7
41140	Carlton Drive	Road 38	Cemetery Road	Local	Urban		6 49	450	6	Hot Mix Asphalt	82	7	8.9
42710	Grey Owl Road	Oak Bluffs Road	South End of Road	Local	Rural		6 40	350	6	Hot Mix Asphalt	82	7	9
45115	Portland Avenue	Sydenham Church Street	George Street	Local	Rural		5 249	700	7	Hot Mix Asphalt	82	7.5	8.7
55715	Road 38	Desert Lake Road	0.80km North of Snider Road	Minor Arterial	Rural		2 3746	3100	8	Hot Mix Asphalt	82	7.5	8.7
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Major Arterial	Urban		3 920	3350	7	Hot Mix Asphalt	81	8	8.5
45085	Pine Ridge Road	Road 38	East End of Road	Local	Urban		5 242	450	5	Hot Mix Asphalt	81	7	8.8
55830	Road 38	0.80km North of Snider Road	Piccadilly Road	Minor Arterial	Rural		2 3496	750	7	Hot Mix Asphalt	81	8	8.5
57210	Sydenham Mill Street	Rutledge Road	George Street	Major Arterial	Urban		4 400	400	9	Hot Mix Asphalt	81	7	8.8
45700	Verona Sand Road	McMahon Drive	Road 38	Local	Urban		4 675	250	7	Hot Mix Asphalt	81	7	8.8
40615	Bradshaw Road	Road 38	Bob's Lake Road	Local	Rural		4 393	900	7	Hot Mix Asphalt	80	7	8.7
41110	Canoe Lake Road	3.0km South of Westport Road	3.4km South of Westport Road	Local	Rural		4 191	350	6	Hot Mix Asphalt	80	7.5	8.5
43495	Kingston Road	Road 38	Harrowsmith Road	Local	Urban		5 771	300	7	Hot Mix Asphalt	80	7.5	8.5
44065	Main Street	Bellrock Road	Bellrock Mill Street	Local	Urban		5 100	450	4	Hot Mix Asphalt	80	7.5	8.5
44755	Oak Bluffs Road	South End of Road	Alf Patterson Road	Local	Rural		4 63	3050	6	Hot Mix Asphalt	80	7.5	8.5
44980	Percy Street	Bellrock Road	Bellrock Mill Street	Local	Rural		5 100	250	3	Hot Mix Asphalt	80	7.5	8.5
54450	Perth Road 10	4.10km North of Perth Road Crescent	9.60km North of Perth Road Crescent	Minor Arterial	Rural		3 1910	5500	7	Hot Mix Asphalt	80	8	8.3
58590	Wilton Road 18	3.6km West of Yarker Road 4	Yarker Road 4	Minor Arterial	Rural		3 1661	3600	7	Hot Mix Asphalt	80	8	8.3
53645	Perth Road 10	Spooner Road	Moreland Dixon Road	Minor Arterial	Rural		2 7842	5400	9	Hot Mix Asphalt	79	8	8.2
53990	Perth Road 10	North Shore Crescent	Perth Road Crescent	Minor Arterial	Rural		3 4239	5300	7	Hot Mix Asphalt	78	7.5	8.3
45100	Point Road	Wheatley Street	East End of Road	Local	Urban		5 100	250	10	Hot Mix Asphalt	78	7.5	8.3
57440	Sydenham Road	Orser Road	1.45km North of Keeley Road	Minor Arterial	Rural		2 4643	5250	9	Hot Mix Asphalt	78	8	8.1
46330	Verona Street	Verona Sand Road	North End of Road	Local	Urban		5 358	900	6	Hot Mix Asphalt	78	7.5	8.3
55945	Road 38	Bradshaw Road	3.30km North of Bradshaw Road	Minor Arterial	Rural		3 1945	3300	6	Hot Mix Asphalt	77	7	8.4
46540	Wheatley Street	Rutledge Road	George Street	Local	Urban		5 400	550	8	Hot Mix Asphalt	76	7	8.3
44095	Maple Drive	Road 38	East End of Road	Local	Rural		5 411	550	6	Hot Mix Asphalt	75	7.5	8
44925	Orser Road	1.20km East of Stage Coach Road	Sydenham Road	Local	Rural		4 982	100	6	Hot Mix Asphalt	75	7.5	8.2
40285	Bank Street	Road 38	Revell Road	Local	Urban		5 100	400	6	Hot Mix Asphalt	74	6.5	8.3
40630	Bradshaw Road	Bob's Lake Road	Steele Road	Local	Rural		4 393	1250	7	Hot Mix Asphalt	74	7.5	7.9
40705	Buck Bay Road	Westport Road	0.3km North of Westport Road	Local	Rural		4 893	200	6	Hot Mix Asphalt	74	7	8.1
43765	Latimer Road	Perth Road 10	Round Lake Road	Local	Urban		5 1048	450	6	Hot Mix Asphalt	74	7.5	7.9
54105	Perth Road 10	Perth Road Crescent	1.40km North of Perth Road Crescent	Minor Arterial	Rural		3 2739	1400	10	Hot Mix Asphalt	74	7.5	7.8
54220	Perth Road 10	1.40km North of Perth Road Crescent	3.90km North of Perth Road Crescent	Minor Arterial	Rural		3 1910	2500	7	Hot Mix Asphalt	74	7	8.1
46465	Water Street	Road 38	East End of Road	Local	Urban		6 49	150	7	Hot Mix Asphalt	74	7	8.1
58130	Westport Road	1.10km East of Lee Road	0.76km West of Bresee Road	Minor Arterial	Rural		4 371	1300	9	Hot Mix Asphalt	74	7	8.1
41965	Division Street	Perth Road 10	Latimer Road	Local	Rural		5 200	300	6	Hot Mix Asphalt	73	7	7.9
42280	Four Seasons Drive	Holmes Road	North End of Road	Local	Rural		5 446	1350	6	Hot Mix Asphalt	73	7.5	7.7
53530	Moreland Dixon Road	Perth Road 10	Battersea Road	Minor Arterial	Rural		3 1937	4150	7	Hot Mix Asphalt	72	7.5	7.6
53760	Perth Road 10	Moreland Dixon Road	0.70km North of Moreland Dixon Road	Major Arterial	Urban		2 6594	700	8	Hot Mix Asphalt	72	7	7.8
50375	Battersea Road	Larry York Road	Sarah Street	Major Arterial	Urban		3 878	2050	7	Hot Mix Asphalt	69	6	8
41455	Colebrook Road	5.30km East of Camden Portland Boundary Road	Road 38	Local	Rural		4 1563	1100	7	Hot Mix Asphalt	69	7	7.5
43750	Latimer Road	1.70km West of Perth Road 10	Perth Road 10	Local	Rural		4 523	1700	6	Hot Mix Asphalt	69	6	8.1

**Township of South Fontenac 2022 Road Needs Study
(Hot Mix Asphalt Roads)**

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
40915	Burridge Road	Westport Road	Green Bay Road	Local	Rural	4	320	1700	6	Hot Mix Asphalt	68	7	7.4
55150	Road 38	Wilton Road 18	Harrowsmith Road	Major Arterial	Urban	2	9180	80	12	Hot Mix Asphalt	68	7	7.4
55025	Road 38	0.50km South of Kingston Road	Kingston Road	Major Arterial	Urban	2	7709	500	10	Hot Mix Asphalt	68	7	7.4
55485	Road 38	Verona Sand Road	Pine Ridge Road	Major Arterial	Urban	2	6305	1200	8	Hot Mix Asphalt	68	6.5	7.6
55140	Road 38	Kingston Road	Wilton Road 18	Major Arterial	Urban	2	9180	160	8	Hot Mix Asphalt	68	7	7.4
52035	Bellrock Road	Long Swamp Road	Cross Road	Minor Arterial	Rural	3	1552	3200	7	Hot Mix Asphalt	65	6.5	7.3
42850	Hinchinbrooke Road	Road 38	0.20km North of Road 38	Local	Rural	5	602	600	7	Hot Mix Asphalt	65	7	7.1
55600	Road 38	Pine Ridge Road	Desert Lake Road	Major Arterial	Urban	2	5436	500	8	Hot Mix Asphalt	65	7	7.1
50500	Battersea Road	0.10km North of Sarah Street	Burnt Hills Road	Minor Arterial	Rural	3	878	2300	6	Hot Mix Asphalt	64	7	6.9
53875	Perth Road 10	0.70km North of Moreland Dixon Road	North Shore Crescent	Minor Arterial	Rural	2	5540	3100	7	Hot Mix Asphalt	64	7	6.9
58705	Wilton Road 18	Yarker Road 4	0.65km West of Road 38	Minor Arterial	Rural	3	2039	2700	7	Hot Mix Asphalt	64	7.5	6.7
41215	Centennial Park Road	Notre Dame Street	Road 38	Local	Rural	5	100	150	7	Hot Mix Asphalt	63	6.5	7.1
46000	Stage Coach Road	Campbell Road	Rutledge Road	Collector	Urban	4	1721	650	7	Hot Mix Asphalt	63	6.5	7.1
41020	Canoe Lake Road	0.8km North of Desert Lake Road	1.3km North of Desert Lake Road	Local	Rural	4	371	500	6	Hot Mix Asphalt	62	7	6.7
0	Robinson Rd	Wilton Road 18	Colebrook Road	Major Arterial	Urban	5	1563	120	8	Hot Mix Asphalt	62	6.5	36
55175	Road 38	Harrowsmith Road	0.56km North of Harrowsmith Road	Major Arterial	Urban	2	9180	560	12	Hot Mix Asphalt	61	6	7.2
54910	Road 38	Murton Road	0.50km South of Kingston Road	Minor Arterial	Rural	2	9205	5350	8	Hot Mix Asphalt	60	6	7
55370	Road 38	0.70km North of Hinchinbrooke Road	Verona Sand Road	Minor Arterial	Rural	2	8705	3900	8	Hot Mix Asphalt	60	7.5	6.3
55255	Road 38	0.56km North of Harrowsmith Road	0.70km North of Hinchinbrooke Road	Minor Arterial	Rural	2	7691	4750	8	Hot Mix Asphalt	58	6.5	6.5
44740	Notre Dame Street	0.35km South of Centennial Park Road	Park Street	Local	Rural	5	100	350	7	Hot Mix Asphalt	57	6	6.7
56520	Rutledge Road	2.20km East of Sydenham Road	Perth Road 10	Minor Arterial	Rural	3	2139	5850	7	Hot Mix Asphalt	55	6	6.5
58935	Yarker Road 4	Wilton Road 18	Road 38	Minor Arterial	Rural	3	1131	2050	7	Hot Mix Asphalt	55	6.5	6.2
52150	Bellrock Road	Cross Road	Road 38	Minor Arterial	Rural	3	2183	1300	7	Hot Mix Asphalt	53	6.5	6
45685	Verona Sand Road	0.70km East of Cross Road	McMahon Drive	Local	Rural	4	675	1250	7	Hot Mix Asphalt	51	6.5	5.8
50000	Battersea Road	4.30km South of Moreland Dixon Road	Moreland Dixon Road	Minor Arterial	Rural	3	3595	4300	7	Hot Mix Asphalt	46	6.5	5.2
56635	Sunbury Road	Battersea Road	0.60km West of Factory Road	Minor Arterial	Rural	3	1600	3400	7	Hot Mix Asphalt	46	6	5.5
46360	Walker Street	Verona Street	Road 38	Local	Urban	5	100	50	9	Hot Mix Asphalt	41	5	5.7

Township of South Fontenac 2022 Road Needs Study
(Surface Treated Roads)

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
42910	Hinchinbrooke Road	Moore Farm Lane	Desert Lake Road	Local	Rural	5	108	4400	6	Surface Treated	94	8.5	9.9
41650	Daley Road	0.60km North of Railton Road	North End of Road	Local	Rural	4	350	500	6	Surface Treated	93	8	10
42895	Hinchinbrooke Road	0.99km North of Trousdale Road	Moore Farm Lane	Local	Rural	5	477	1400	6	Surface Treated	93	8	10
44545	Murvale Road	Murton Road	Scanlan Road	Local	Rural	4	747	1550	6	Surface Treated	93	8	10
45565	Round Lake Road	2.20km East of Latimer Road	3.50km East of Latimer Road	Local	Urban	4	1141	1300	6	Surface Treated	93	8	10
44410	Milburn Road	1.80km South of Wellington Street	Wellington Street	Local	Rural	4	171	1800	6	Surface Treated	92	8	9.9
45235	Railton Road	Stage Coach Road	0.55km East of Stage Coach Road	Collector	Rural	4	639	550	6	Surface Treated	92	8	9.9
46765	Wurzl Crescent	Vienna Crescent	0.05km North of Vienna Crescent	Local	Rural	6	2	50	7	Surface Treated	92	8	9.9
45805	Short Street	Bank Street	North End of Road	Local	Rural	5	100	50	5	Surface Treated	91	7.5	9.9
41170	Carrying Place Road	1.0km South of Burnt Hills Road	Burnt Hills Road	Local	Rural	4	228	1050	6	Surface Treated	90	8	9.6
41515	Copper Kettle Drive	Lakefield Drive	Maple Crest Court	Local	Rural	5	49	400	6	Surface Treated	90	8	9.7
41635	Daley Road	Railton Road	0.60km North of Railton Road	Local	Rural	4	350	600	6	Surface Treated	90	8	9.6
41785	Deer Creek Drive	Spooner Road	0.4km North of Spooner Road	Local	Rural	5	110	400	6	Surface Treated	90	8	9.6
42475	German Road	Long Swamp Road	0.20km South of Long Swamp Road	Local	Rural	4	294	200	5	Surface Treated	90	8	9.7
44350	Meadow Ridge Road	Park Valley Road	East End of Road	Local	Rural	6	49	130	7	Surface Treated	90	8	9.7
40967	Milburn Road	2.9km East of Battersea Road	0.45km East of Ormsbee Road	Local	Rural	4	651	1450	6	Surface Treated	90	8	9.6
44560	Murvale Road	Scanlan Road	Amev Road	Local	Rural	4	533	1400	6	Surface Treated	90	8	9.6
45025	Petworth Road	Garrison Court	River Road	Local	Rural	4	538	1250	7	Surface Treated	90	8	9.6
45760	Scanlan Road	West End of Road	0.50km West of Murvale Road	Local	Rural	5	224	950	6	Surface Treated	90	7.5	9.8
45775	Scanlan Road	0.50km West of Murvale Road	Murvale Road	Local	Rural	5	224	500	6	Surface Treated	90	7.5	9.8
52610	Desert Lake Road	0.15km West of High Falls Road	0.15km East of High Falls Road	Minor Arterial	Rural	5	953	300	7	Surface Treated	89	8	9.5
40720	Buck Bay Road	0.3km North of Westport Road	White Lake Road	Local	Rural	4	893	1700	6	Surface Treated	88	7.5	9.6
45040	Petworth Road	River Road	Kerr Road	Local	Rural	4	440	3250	7	Surface Treated	88	8	9.4
46480	Watson Road	Petworth Road	Boyce Road	Local	Rural	4	254	1400	6	Surface Treated	88	7.5	9.6
40210	Ashwood Drive	Rutledge Road	North End of Road	Local	Rural	5	49	800	6	Surface Treated	87	8	9.3
40750	Buck Bay Road	2.6 km North of White Lake Road	Bob's Lake Road	Local	Rural	4	245	3800	6	Surface Treated	87	8	9.3
41155	Carrying Place Road	South End of Road	1.0km South of Burnt Hills Road	Local	Rural	4	297	4800	6	Surface Treated	87	8	9.3
41950	Deyos Road	Desert Lake Road	Morey Lane	Local	Rural	4	211	1100	4	Surface Treated	87	8	9.3
43135	Holmes Road	Latimer Road	Old Boy Road	Local	Rural	4	327	400	6	Surface Treated	87	8	9.3
43480	Kingsmere Drive	Railton Road	North End of Road	Local	Rural	5	98	700	6	Surface Treated	87	8	9.3
45220	Railton Road	Murvale Road	Stage Coach Road	Collector	Rural	4	422	1800	7	Surface Treated	87	8	9.3
40300	Bank Street	Revell Road	Revell Road	Local	Rural	5	100	500	6	Surface Treated	86	8	9.2
42145	First Lake Road	Bellrock Mill Street	0.70km North of Bellrock Mill Street	Local	Rural	4	256	700	5	Surface Treated	86	8.5	9.1
40840	Burnt Hills Road	1.4km East of Battersea Road	1.8km East of Battersea Road	Local	Rural	4	556	400	6	Surface Treated	85	7.5	9.3
40960	Campbell Road	0.5km West of Stage Coach Road	Stage Coach Road	Local	Rural	4	742	2000	6	Surface Treated	85	8	9.1
40975	Campbell Road	Murvale Road	Stage Coach Road	Local	Rural	4	742	2000	6	Surface Treated	85	8	9.1
42550	Gould Lake Road	Freeman Road	0.85km North of Freeman Road	Local	Rural	4	256	900	6	Surface Treated	85	8	9.1
43810	Leland Road	Perth Road 10	0.30km East of Perth Road 10	Local	Rural	4	173	300	6	Surface Treated	85	7.5	9.3
44395	Milburn Road	Ida Hill Road	2.00km West of Ida Hill Road	Local	Rural	4	681	2000	6	Surface Treated	85	7.5	9.3
45505	Rosedale Road	Alton Road	Freeman Road	Local	Rural	4	622	1350	6	Surface Treated	85	7.5	9.3
45745	Scanlan Court	Scanlan Road	North End of Road	Local	Rural	6	49	200	6	Surface Treated	85	7.5	9.3
40075	Amev Road	West End of Road	Murvale Road	Local	Rural	4	186	950	4	Surface Treated	84	7.5	9.1
40360	Bauder Road	Desert Lake Road	East End of Road	Local	Rural	4	211	1200	4	Surface Treated	84	8	9
40495	Botting Road	Bedford Road	Sills Bay Road	Local	Rural	4	254	750	6	Surface Treated	84	8	9
40945	Camden Portland Boundary Road	Colebrook Road	Petworth Road	Local	Rural	4	519	2100	6	Surface Treated	84	8	9
41550	Country Woods Drive	Campbell Road	South End of Road	Local	Rural	4	75	700	6	Surface Treated	84	7.5	9.1
42700	Greenfield Road	0.77km East of Perth Road 10	Duff Road	Local	Rural	4	544	830	6	Surface Treated	84	8	9
42880	Hinchinbrooke Road	0.29km North of Trousdale Road	0.99km North of Trousdale Road	Local	Rural	5	477	700	7	Surface Treated	84	8	9
44680	Norway Road	Draper Lake Road	Charlie Green Road	Local	Rural	4	266	100	5	Surface Treated	84	7.5	9.1
44685	Norway Road	Charlie Green Road	McFadden Road	Local	Rural	4	266	350	5	Surface Treated	84	7	9.3
43665	Norway Road	Draper Lake Road	Norway Road	Local	Rural	6	10	150	6	Surface Treated	84	7.5	9.1
45430	Rideau Road	0.75km North of Burnt Hills Road	North End of Road	Local	Rural	4	181	100	4	Surface Treated	84	7.5	9.1
45490	Rockwood Place	Collins Drive	Moreland Dixon Road	Local	Rural	5	209	200	7	Surface Treated	84	7	9.3
45715	Sands Road	Battersea Road	East End of Road	Local	Rural	4	406	2600	7	Surface Treated	84	7.5	9.1
45835	Silverwood Drive	Holmes Road	North End of Road	Local	Rural	4	594	950	6	Surface Treated	84	8	9

**Township of South Fontenac 2022 Road Needs Study
(Surface Treated Roads)**

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
45865	Snider Road	Arena Boundary Road	2.00km South of Arena Boundary Road	Local	Rural	4	470	2000	6	Surface Treated	84	7.5	9.1
46150	Sydenham Walker Road	Loughborough Portland Road	Rock Quarry Lane	Local	Rural	4	441	1000	6	Surface Treated	84	7.5	9.1
52840	Desert Lake Road	Bauder Drive	Deyos Road	Minor Arterial	Rural	5	300	2200	7	Surface Treated	83	7.5	9
43000	Holleford Road	Vanluven Road	Trousdale Road	Local	Rural	4	243	1350	6	Surface Treated	83	7	9.2
44080	Maple Crest Road	Lakefield Drive	0.80km East of Lakefield Drive	Local	Rural	5	96	800	6	Surface Treated	83	8	8.9
44110	Maple Hill Way	South End of Road	Hitchcock Drive	Local	Rural	6	49	300	6	Surface Treated	83	7.5	9
44845	Opinicon Road	Post Office Gate Lane	1.70km East of Post Office Gate Lane	Local	Rural	5	433	1700	6	Surface Treated	83	7.5	9
45055	Petworth Road	Kerr Road	Road 38	Local	Rural	4	729	3550	6	Surface Treated	83	7.5	9
45250	Railton Road	0.55km East of Stage Coach Road	Sydenham Road	Local	Rural	4	958	1200	7	Surface Treated	83	8	8.9
46555	White Lake Road	West End of Road	Buck Bay Road	Local	Rural	4	154	1100	7	Surface Treated	83	8	8.9
46705	Wilmer Road	Norway Road	0.05km West of Perth Road 10	Local	Rural	4	428	700	5	Surface Treated	83	7.5	9
40489	Bob's Lake Road	Green Bay Road	Bradshaw Road	Local	Rural	4	220	4200	5	Surface Treated	82	8	8.8
41335	Clark Road	McConnell Road	East End of Road	Local	Rural	5	125	900	4	Surface Treated	82	7.5	8.9
41380	Cliffside Drive	Railton Road	North End of Road	Local	Rural	5	150	800	6	Surface Treated	82	8	8.8
43210	Horning Road	West End of Road	Sydenham Road	Local	Rural	5	245	1550	6	Surface Treated	82	8	8.8
44185	Masonville Road	North End of Road	Craig Road	Local	Rural	6	49	250	4	Surface Treated	82	7	9.1
44365	Mica Point Road	South End of Road	Badour Road	Local	Rural	6	49	450	4	Surface Treated	82	7.5	8.9
45280	Railton Road	0.05km East of Sydenham Road	Cliffside Drive	Collector	Rural	4	1451	2900	6	Surface Treated	82	8	8.8
45340	Randy Clark Road	West End of Road	Battersea Road	Local	Rural	4	201	2200	6	Surface Treated	82	7.5	8.9
45880	Snider Road	2.00km South of Arena Boundary Road	Road 38	Local	Rural	4	436	3000	6	Surface Treated	82	7.5	8.9
46075	Sumac Road	Sydenham Road	East End of Road	Local	Rural	4	264	1150	7	Surface Treated	82	7.5	8.9
40570	Bradford Road	Camden Portland Boundary Road	2.00km East of Camden Portland Boundary Road	Local	Rural	4	136	500	6	Surface Treated	81	8	8.6
41245	Centreville Road	0.40km East of Devil Lake Road	0.80km East of Devil Lake Road	Local	Rural	4	226	400	6	Surface Treated	81	8	8.7
41365	Clearwater Road	Bedford Road	Botting Road	Local	Rural	5	101	500	5	Surface Treated	81	8	8.7
42685	Greenfield Road	Perth Road 10	0.77km East of Perth Road 10	Local	Rural	4	544	770	6	Surface Treated	81	7.5	8.8
43585	Lakefield Drive	South End of Road	Holmes Road	Local	Rural	4	643	600	6	Surface Treated	81	7.5	8.8
44470	Mount Chesney Road	Battersea Road	Frontenac Road	Local	Rural	4	245	400	6	Surface Treated	81	7	9
44965	Park Valley Road	South End of Road	Keeley Road	Local	Rural	4	87	450	7	Surface Treated	81	7.5	8.8
45580	Round Lake Road	3.50km East of Latimer Road	4.10km East of Latimer Road	Local	Rural	4	800	600	6	Surface Treated	81	8	8.7
45820	Sills Bay Road	Botting Road	North End of Road	Local	Rural	4	75	1700	6	Surface Treated	81	7	9
40045	Alton Road	Loughborough Portland Road	Bedford Road	Collector	Rural	4	536	3700	6	Surface Treated	80	8	8.5
40135	Arena Boundary Road	Second Lake Road	Snider Road	Local	Rural	4	237	800	5	Surface Treated	80	7.5	8.7
40585	Bradford Road	2.00km East of Camden Portland Boundary Road	Wolfe Swamp Road	Collector	Rural	4	322	2500	6	Surface Treated	80	8	8.5
40855	Burnt Hills Road	5.0km East of Battersea Road	0.61km West of Carrying Place Road	Local	Rural	4	556	1000	6	Surface Treated	80	7.5	8.7
41260	Charlie Green Road	Little Long Lake Road	Norway Road	Local	Rural	4	96	2200	6	Surface Treated	80	7.5	8.7
53185	Desert Lake Road	1.90km West of Bedford Road	1.70km West of Bedford Road	Minor Arterial	Rural	5	260	200	6	Surface Treated	80	7.5	8.7
52955	Desert Lake Road	Deyos Road	Holleford Road	Minor Arterial	Rural	5	260	2800	7	Surface Treated	80	7.5	8.7
42415	Garrison Court	South End of Road	Petworth Road	Local	Rural	5	78	450	6	Surface Treated	80	7.5	8.7
43180	Holmes Road	Lakefield Drive	Davidson Road	Local	Rural	4	1302	1500	6	Surface Treated	80	7.5	8.7
43075	Holmes Road	Heska Crescent	Heska Crescent	Local	Rural	4	541	1350	7	Surface Treated	80	7	8.9
43390	Keeley Road	Park Valley Road	Rutledge Road	Local	Rural	4	223	2200	6	Surface Treated	80	7.5	8.7
44860	Opinicon Road	1.70km East of Post Office Gate Lane	4.65km East of Post Office Gate Lane	Local	Rural	5	316	2950	6	Surface Treated	80	8	8.5
44950	Park Street	Centennial Park Road	Graham Road	Local	Rural	5	100	200	7	Surface Treated	80	7.5	8.7
46030	Steele Road	South End of Road	Bradshaw Road	Local	Rural	4	148	2200	5	Surface Treated	80	7	8.9
46105	Switzer Road	Portland Avenue	North End of Road	Local	Rural	6	100	200	3	Surface Treated	80	7	8.9
46420	Washburn Road	Ida Hill Road	Factory Road	Local	Rural	4	792	1600	7	Surface Treated	80	6.5	9.1
40825	Burnt Hills Road	1.2km East of Battersea Road	1.4km East of Battersea Road	Local	Rural	4	556	200	6	Surface Treated	79	7.5	8.6
40930	Camden Portland Boundary Road	Yarker Road 4	Colebrook Road	Local	Rural	4	711	2850	6	Surface Treated	79	7.5	8.6
41275	Church Road (Bellrock)	Bellrock Road	Mary Moore Road	Local	Rural	4	200	1500	5	Surface Treated	79	7.5	8.6
52725	Desert Lake Road	0.15km East of High Falls Road	Bauder Drive	Minor Arterial	Rural	5	345	1550	7	Surface Treated	79	8	8.4
43150	Holmes Road	Old Boy Road	Perth Road 10	Local	Rural	4	327	1200	6	Surface Treated	79	8	8.4
43630	Lakeside Road	West End of Road	Duff Road	Local	Rural	4	96	300	5	Surface Treated	79	8	8.4
45010	Peters Road	Harrowsmith Road	East End of Road	Local	Rural	6	51	300	4	Surface Treated	79	8	8.4
45535	Round Lake Road	Latimer Road	1.20km East of Latimer Road	Local	Rural	4	395	1200	6	Surface Treated	79	7.5	8.6
45520	Round Lake Road	Moreland Dixon Road	Latimer Road	Local	Rural	5	299	800	6	Surface Treated	79	7.5	8.6

**Township of South Fontenac 2022 Road Needs Study
(Surface Treated Roads)**

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
45970	Stage Coach Road	Orser Road	Railton Road	Local	Rural		4 773	2900	6	Surface Treated	79	7.5	8.6
46345	Vienna Crescent	Sumac Road	North End of Road	Local	Rural		4 112	350	6	Surface Treated	79	7	8.8
40240	Autumn Ridge Drive	Middle Woodland Drive	South End of Road	Local	Rural		6 49	300	7	Surface Treated	78	7	8.7
40645	Bradshaw Road	Steele Road	East End of Road	Local	Rural		4 97	1900	5	Surface Treated	78	7.5	8.5
42250	Forest Hill Point	Valleyview Drive	South End of Road	Local	Rural		6 49	400	7	Surface Treated	78	7	8.7
42355	Freeman Road	Bedford Road	Sills Bay Road	Local	Rural		4 100	800	6	Surface Treated	78	7.5	8.5
42505	German Road	1.65km North of Petworth Road	Long Swamp Road	Local	Rural		4 242	1500	6	Surface Treated	78	8	8.3
46675	Wilmer Road	McFadden Road	Ritchie Road	Local	Rural		4 250	800	5	Surface Treated	78	7.5	8.5
51575	Bedford Road	Salmon Lake Road	1.00km North of Salmon Lake Road	Minor Arterial	Rural		4 220	1000	6	Surface Treated	77	7.5	8.4
42595	Graham Road	Park Street	Road 38	Local	Rural		5 100	200	5	Surface Treated	77	6.5	8.8
43255	Ida Hill Road	Sunbury Road	Milburn Road	Local	Rural		4 341	1900	7	Surface Treated	77	7.5	8.4
43600	Lakefield Drive	2.00km South of Holmes Road	1.30km South of Holmes Road	Local	Rural		4 643	700	6	Surface Treated	77	8	8.2
43825	Leland Road	0.30km East of Perth Road 10	1.60km East of Perth Road 10	Local	Rural		4 185	1300	6	Surface Treated	77	7.5	8.4
44485	Mount Chesney Road	Frontenac Road	Beach Nut Road	Local	Rural		4 167	1600	6	Surface Treated	77	7.5	8.4
46435	Washburn Road	Factory Road	1.00km East of Factory Road	Local	Rural		4 792	1000	6	Surface Treated	77	6	9
46735	Wolfe Lake Road	Westport Road	North End of Road	Local	Rural		4 257	2200	6	Surface Treated	77	7.5	8.4
40000	Abernathy Road	Ida Hill Road	0.8km East of Ida Hill Road	Local	Rural		4 158	800	6	Surface Treated	76	6.5	8.7
40765	Bunker Hill Road	Westport Road	James Wilson Road	Local	Rural		4 200	2600	5	Surface Treated	76	7	8.5
41065	Canoe Lake Road	Holsgrove Lane	James Wilson Road	Local	Rural		4 371	2300	6	Surface Treated	76	7.5	8.3
41740	Davidson Road	Latimer Road	Perth Road 10	Local	Rural		4 222	2600	6	Surface Treated	76	7.5	8.3
53300	Desert Lake Road	1.70km West of Bedford Road	Bedford Road	Minor Arterial	Rural		5 219	550	7	Surface Treated	76	7	8.5
42325	Freeman Road	1.05km West of Gould Lake Road	Gould Lake Road	Local	Rural		5 379	1150	6	Surface Treated	76	7	8.5
44245	McConnell Road	Clark Road	Yarker Road 4	Local	Rural		5 272	1450	6	Surface Treated	76	7	8.5
44455	Mount Chesney Road	West End of Road	Battersea Road	Local	Rural		5 233	1000	5	Surface Treated	76	7	8.5
44815	Opinicon Road	4.40km East of Perth Road 10	7.70km East of Perth Road 10	Local	Rural		5 433	3300	6	Surface Treated	76	7.5	8.3
44830	Opinicon Road	7.70km East of Perth Road 10	Post Office Gate Lane	Local	Rural		5 433	3950	6	Surface Treated	76	7.5	8.3
45415	Rideau Road	Burnt Hills Road	0.75km North of Burnt Hills Road	Local	Rural		4 181	950	5	Surface Treated	76	6.5	8.7
40270	Badour Road	South End of Road	Crow Lake Road	Local	Rural		4 158	2200	5	Surface Treated	75	7	8.4
40375	Bear Creek Road	Battersea Road	East End of Road	Local	Rural		4 224	2700	6	Surface Treated	75	7.5	8.1
51460	Bedford Road	Busch Lane	Salmon Lake Road	Minor Arterial	Rural		4 293	2400	7	Surface Treated	75	7	8.3
40510	Boyce Road	Watson Road	0.7km West of Road 38	Local	Rural		4 585	1780	6	Surface Treated	75	7.5	8.1
41005	Canoe Lake Road	Desert Lake Road	0.8km North of Desert Lake Road	Local	Rural		4 371	850	6	Surface Treated	75	7	8.4
41755	Davidson Road	Perth Road 10	Holmes Road	Local	Rural		4 703	500	6	Surface Treated	75	7	8.4
41725	Davidson Road	Mowoods Lane	Latimer Road	Local	Rural		4 231	1300	6	Surface Treated	75	7	8.4
53070	Desert Lake Road	2.55km West of Bedford Road	1.90km West of Bedford Road	Minor Arterial	Rural		5 260	650	7	Surface Treated	75	7.5	8.1
42790	Heska Crescent	Holmes Road	Holmes Road	Local	Rural		5 225	1250	7	Surface Treated	75	7	8.3
43165	Holmes Road	Perth Road 10	Lakefield Drive	Local	Rural		4 910	1400	6	Surface Treated	75	7	8.4
43345	Johns Way Road	Heska Crescent	Heska Crescent	Local	Rural		6 49	300	6	Surface Treated	75	7.5	8.1
43450	Kildeer Drive	Pine Ridge Road	North End of Road	Local	Rural		6 49	200	5	Surface Treated	75	7	8.4
43570	Lake Road	0.60km West of Lower Round Lake Road	Lower Round Lake Road	Local	Rural		6 7	600	5	Surface Treated	75	7	8.4
43690	Latimer Road	Dover Road	Davidson Road	Collector	Rural		4 1171	950	6	Surface Treated	75	7.5	8.1
44230	McConnell Road	South End of Road	Clark Road	Local	Rural		5 272	1600	4	Surface Treated	75	7	8.3
44920	Orser Road	Stage Coach Road	1.20km East of Stage Coach Road	Local	Rural		4 982	1200	6	Surface Treated	75	7.5	8.2
45130	Princess Road	West End of Road	0.15km West of Battersea Road	Local	Urban		5 366	1650	6	Surface Treated	75	7.5	8.2
46060	Stone Point Road	North End of Road	Hitchcock Drive	Local	Rural		6 49	1150	7	Surface Treated	75	7	8.4
46525	Wellington Street	Milburn Road	East End of Road	Local	Rural		4 224	1700	6	Surface Treated	75	7	8.3
46570	White Lake Road	Buck Bay Road	1.70km East of Buck Bay Road	Local	Rural		4 100	1700	6	Surface Treated	75	7	8.4
42490	German Road	Petworth Road	1.65km North of Petworth Road	Local	Rural		4 242	1650	6	Surface Treated	74	7.5	8
42670	Greenfield Road	0.70km West of Perth Road 10	Perth Road 10	Local	Rural		4 187	700	7	Surface Treated	74	7.5	8
44260	McFadden Road	Wilmer Road	Norway Road	Local	Rural		4 250	1850	7	Surface Treated	74	7	8.2
45370	Redmond Road	0.25km West of Holleford Road	Holleford Road	Local	Rural		6 40	250	6	Surface Treated	74	7	8.2
46510	Wellington Street	United Street	Milburn Road	Local	Rural		4 295	550	6	Surface Treated	74	6.5	8.5
40735	Buck Bay Road	White Lake Road	2.6 km North of White Lake Road	Local	Rural		4 211	2650	7	Surface Treated	73	7	8.1
41185	Cedarwoods Drive	Valleyview Drive	0.30km North of Valleyview Drive	Local	Rural		5 100	310	7	Surface Treated	73	7	8.1
41935	Deyos Road	Morey Lane	James Wilson Road	Local	Rural		4 143	2500	4	Surface Treated	73	7.5	7.9

Township of South Fontenac 2022 Road Needs Study
(Surface Treated Roads)

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
42070	Ernie Road	West End of Road	Lower Round Lake Road	Local	Rural	6	49	400	6	Surface Treated	73	6.5	8.4
43105	Holmes Road	Silverwood Drive	Davidson Road	Local	Rural	4	1162	900	6	Surface Treated	73	7.5	7.9
43095	Holmes Road	Heska Crescent	Silverwood Drive	Local	Rural	4	541	600	6	Surface Treated	73	7	8.1
40966	Milburn Road	Battersea Road	Ida Hill Road	Local	Rural	4	1205	850	6	Surface Treated	73	6.5	8.4
44800	Opinicon Road	Perth Road 10	4.40km East of Perth Road 10	Local	Rural	5	550	4400	6	Surface Treated	73	7.5	7.9
45985	Stage Coach Road	Railton Road	Campbell Road	Collector	Rural	4	1184	2200	6	Surface Treated	73	7.5	7.9
51345	Bedford Road	1.5km North of Freeman Road	Busch Lane	Minor Arterial	Rural	4	883	4050	6	Surface Treated	72	7	8
43015	Holleford Road	Trousdale Road	New Morin Road	Local	Rural	4	127	1800	6	Surface Treated	72	7	8
43195	Holmes Road	Davidson Road	Moreland Dixon Road	Local	Rural	4	400	600	6	Surface Treated	72	7	8
43615	Lakefield Drive	1.30km South of Holmes Road	Holmes Road	Local	Rural	4	743	1300	5	Surface Treated	72	7	8
44770	Old Boy Road	Perth Road 10	Holmes Road	Local	Rural	4	767	1600	6	Surface Treated	72	7.5	7.8
56865	Sunbury Road	0.65km West of Hitchcock Drive	Hitchcock Drive	Minor Arterial	Rural	3	1339	700	7	Surface Treated	72	6.5	8.2
46660	Wilmer Road	Rutledge Road	McFadden Road	Local	Rural	4	910	4750	7	Surface Treated	72	7	8
40870	Burnt Hills Road	0.61km West of Carrying Place Road	0.49km East of Rideau Road	Local	Rural	4	556	1700	5	Surface Treated	71	7.5	7.7
40810	Burnt Hills Road	Battersea Road	1.2km East of Battersea Road	Local	Rural	4	556	1200	6	Surface Treated	71	7.5	7.7
41125	Canoe Lake Road	Westport Road	3.0km South of Westport Road	Local	Rural	4	191	3000	6	Surface Treated	71	7	7.9
41695	Davidson Road	Latimer Road	Holmes Road	Local	Rural	4	828	1000	6	Surface Treated	71	7	7.9
57095	Sunbury Road	Hitchcock Drive	Brewer Lake Road	Minor Arterial	Rural	3	1339	1400	7	Surface Treated	71	8	7.5
46690	Wilmer Road	Ritchie Road	Norway Road	Local	Rural	4	250	1750	5	Surface Treated	71	7	7.9
40201	Burnt Hills Road	1.8km East of Battersea Road	5.0km East of Battersea Road	Local	Rural	4	556	3250	6	Surface Treated	70	7.5	7.6
41230	Centreville Road	Devil Lake Road	0.40km East of Devil Lake Road	Local	Rural	4	226	400	6	Surface Treated	70	7	7.8
43705	Latimer Road	Davidson Road	Holmes Road	Collector	Rural	4	449	2300	6	Surface Treated	70	7.5	7.6
45175	Quarry Road	0.40km North of Boyce Road	1.30km North of Boyce Road	Local	Rural	6	28	900	6	Surface Treated	70	6.5	8
46450	Washburn Road	1.00km East of Factory Road	East End of Road	Local	Urban	4	792	3150	6	Surface Treated	70	6.5	8
40780	Burnett Road	South End of Road	Road 38	Local	Rural	4	84	300	6	Surface Treated	69	7	7.7
41485	Collins Drive	Autumn Ridge Drive	West End of Road	Local	Rural	6	49	150	7	Surface Treated	69	6.5	7.9
42370	Frontenac Road	Mount Chesney Road	Battersea Road	Local	Rural	4	114	500	6	Surface Treated	69	6.5	7.9
44155	Mary Moore Road	2.07km North of Church Road (Bellrock)	3.17km North of Church Road (Bellrock)	Local	Rural	4	306	1100	6	Surface Treated	69	6.5	7.9
45160	Quarry Road	Boyce Road	0.40km North of Boyce Road	Local	Rural	6	28	400	5	Surface Treated	69	6.5	7.9
45475	River Road	West End of Road	Petworth Road	Local	Rural	4	83	250	4	Surface Treated	69	6.5	7.9
40600	Bradford Road	Wolfe Swamp Road	Ellerbeck Road	Local	Rural	4	99	650	6	Surface Treated	68	6.5	7.8
41035	Canoe Lake Road	1.3km North of Desert Lake Road	2.8km North of Desert Lake Road	Local	Rural	4	371	1500	7	Surface Treated	68	7	7.6
41440	Colebrook Road	3.80km East of Camden Portland Boundary Road	5.30km East of Camden Portland Boundary Road	Local	Rural	4	1255	1500	6	Surface Treated	68	7	7.6
42940	Hitchcock Drive	West End of Road	Sunbury Road	Local	Rural	4	307	850	6	Surface Treated	68	7	7.6
43870	Leveque Road	0.10km North of Bellrock Mill Street	Bellrock Pero Road	Local	Rural	6	45	1000	6	Surface Treated	68	7	7.6
44575	Mustard Road	East End of Road	Craig Road	Local	Rural	6	49	250	4	Surface Treated	68	7	7.6
44695	Norway Road	McFadden Road	Wilmer Road	Local	Rural	4	266	1900	5	Surface Treated	68	7	7.6
45550	Round Lake Road	1.20km East of Latimer Road	2.20km East of Latimer Road	Local	Rural	6	927	1000	6	Surface Treated	68	6.5	7.8
42865	Hinchinbrooke Road	0.20km North of Road 38	0.29km North of Trousdale Road	Local	Rural	5	477	1000	6	Surface Treated	67	7	7.5
42955	Hogan Road	West End of Road	Wilmer Road	Local	Rural	4	243	1900	5	Surface Treated	67	6.5	7.7
43120	Holmes Road	Davidson Road	Latimer Road	Local	Rural	4	670	1400	7	Surface Treated	67	7	7.5
44635	North Shore Crescent	Perth Road 10	Perth Road 10	Local	Rural	4	279	1100	6	Surface Treated	67	7	7.5
44650	North Shore Road	North Shore Crescent	Hewlett Packard Road	Local	Rural	4	454	5800	6	Surface Treated	67	7	7.5
45190	Quinn Road East	Road 38	East End of Road	Local	Rural	4	136	1600	5	Surface Treated	67	6.5	7.7
46300	Valleyview Drive	South End of Road	Cedarwoods Drive	Local	Urban	5	100	500	6	Surface Treated	67	6	7.9
57670	Westport Road	2.70km West of Buck Bay Road	Buck Bay Road	Minor Arterial	Rural	4	841	2700	6	Surface Treated	67	6.5	7.7
40245	Cedarwoods Drive	Road 38	Valleyview Drive	Local	Rural	5	232	360	7	Surface Treated	66	6	7.8
42985	Holleford Road	0.15km East of Road 38	Vanluven Road	Local	Rural	4	872	1600	6	Surface Treated	66	7	7.3
43300	Jamieson Road	Road 38	1.30km East of Road 38	Local	Rural	4	396	1300	6	Surface Treated	66	7	7.3
44380	Middle Woodlands Drive	Autumn Ridge Drive	South End of Road	Local	Rural	6	49	500	7	Surface Treated	66	7	7.4
45385	Revell Road	Bank Street	North End of Road	Local	Urban	5	131	900	6	Surface Treated	66	7	7.4
45460	Ritchie Road	Wilmer Road	Perth Road 10	Local	Urban	4	192	1900	7	Surface Treated	66	7	7.3
45955	Spooner Road	Perth Road 10	East End of Road	Local	Rural	4	104	550	6	Surface Treated	66	7	7.4
46405	Washburn Road	Battersea Road	Ida Hill Road	Local	Urban	4	792	2000	6	Surface Treated	66	7	7.4
41395	Colebrook Road	Camden Portland Boundary Road	1.70km East of Camden Portland Boundary Road	Local	Rural	4	515	1700	6	Surface Treated	65	6.5	7.5

**Township of South Fontenac 2022 Road Needs Study
(Surface Treated Roads)**

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
41905	Devil Lake Road	Centreville Road	Westport Road	Local	Rural	6	243	1650	7	Surface Treated	65	7	7.2
42640	Green Bay Road	Burns Road	Burrige Road	Local	Rural	4	199	2900	6	Surface Treated	65	6	7.7
44170	Mary Moore Road	Church Road (Bellrock)	2.07km North of Church Road (Bellrock)	Local	Rural	4	306	2200	6	Surface Treated	65	7	7.2
46780	York Road	South End of Road	Bellrock Road	Local	Rural	4	72	1300	6	Surface Treated	65	7	7.2
40165	Arena Boundary Road	Davey Road	2.15km East of Davey Road	Local	Rural	4	237	2150	6	Surface Treated	64	6	7.6
41425	Colebrook Road	2.70km East of Camden Portland Boundary Road	3.80km East of Camden Portland Boundary Road	Local	Rural	4	680	1100	6	Surface Treated	64	6	7.6
43945	Loughborough Drive Road	South End of Road	Sydenham Road	Local	Rural	6	104	500	4	Surface Treated	64	6.5	7.4
44005	Loughborough Portland Road	Jamieson Road	Vanluven Road	Collector	Rural	4	908	700	6	Surface Treated	64	6.5	7.3
40150	Arena Boundary Road	Snider Road	Davey Road	Local	Rural	4	237	2150	5	Surface Treated	63	7	7
42010	Duff Road	Round Lake Road	North End of Road	Local	Rural	5	241	2250	6	Surface Treated	63	6.5	7.2
44070	Mallen Road	Craig Road	0.10km North of Craig Road	Local	Rural	6	10	100	4	Surface Treated	63	6	7.5
56980	Sunbury Road	Brewer Lake Road	1.30km East of Brewer Lake Road	Minor Arterial	Rural	3	1077	1300	7	Surface Treated	63	7	7
50875	Battersea Road	4.50km North of Burnt Hills Road	East End of Road	Minor Arterial	Rural	5	173	6100	7	Surface Treated	62	7.5	6.7
41050	Canoe Lake Road	Desert Lake Road	Holsgrove Lane	Local	Rural	4	371	2000	7	Surface Treated	62	6.5	7.1
41710	Davidson Road	Holmes Road	Mowoods Lane	Local	Rural	4	232	1500	6	Surface Treated	62	7	6.9
44590	New Morin Road	Vanluven Road	Holleford Road	Local	Rural	4	591	1700	6	Surface Treated	62	6.5	7.1
56750	Sunbury Road	0.60km West of Factory Road	0.65km West of Hitchcock Drive	Minor Arterial	Rural	3	1600	3200	7	Surface Treated	62	6	7.4
57785	Westport Road	Buck Bay Road	New Road	Minor Arterial	Rural	4	606	7700	7	Surface Treated	62	7	6.9
42100	Fairgrounds Road	Perth Road 10	Latimer Road	Local	Rural	5	200	300	6	Surface Treated	61	6.5	7
43060	Holleford Road	Deer Park Lane	Desert Lake Road	Local	Rural	4	335	2700	7	Surface Treated	60	5	7.8
43375	Keeley Road	0.30km East of Sydenham Road	Park Valley Road	Local	Rural	4	723	2200	6	Surface Treated	60	6	7.2
44275	McGarvey Road	Battersea Road	0.15km North of Battersea Road	Local	Rural	4	410	150	6	Surface Treated	60	6	7.2
44440	Morrison Road	West End of Road	Wilmer Road	Local	Rural	4	221	1200	6	Surface Treated	60	6.5	6.9
46375	Wallace Road	Camden Portland Boundary Road	Mclean Road	Local	Rural	4	92	3300	6	Surface Treated	60	6.5	6.9
58475	Westport Road	Concession 12	Devil Lake Road	Minor Arterial	Rural	4	750	1350	7	Surface Treated	60	6.5	6.9
41605	Crow Lake Road	0.45km West of Badour Road	0.10km East of Badour Road	Local	Rural	4	600	550	6	Surface Treated	59	6	7.1
42160	First Lake Road	0.70km North of Bellrock Mill Street	1.70km North of Bellrock Mill Street	Local	Rural	4	124	1000	6	Surface Treated	59	6.5	6.8
43720	Latimer Road	Holmes Road	Davidson Road	Local	Rural	4	585	1400	6	Surface Treated	59	6	7
41410	Colebrook Road	1.70km East of Camden Portland Boundary Road	2.70km East of Camden Portland Boundary Road	Local	Rural	4	515	1000	6	Surface Treated	58	6	6.9
42055	Ellerbeck Road	Bradford Road	Petworth Road	Local	Rural	6	55	1500	4	Surface Treated	58	6.5	6.7
42115	Fellows Road	West End of Road	Murvale Road	Local	Rural	6	38	800	4	Surface Treated	58	6	6.9
43990	Loughborough Portland Road	Alton Road	Jamieson Road	Collector	Rural	4	829	1350	6	Surface Treated	58	6	6.9
44530	Murton Road	1.35km East of Road 38	Murvale Road	Local	Rural	4	810	900	6	Surface Treated	58	7	6.5
46750	Wolfe Swamp Road	Colebrook Road	Petworth Road	Local	Rural	4	422	2900	6	Surface Treated	58	6.5	6.7
42340	Freeman Road	Gould Lake Road	Bedford Road	Local	Rural	4	200	1950	6	Surface Treated	57	7	6.4
45940	Spooner Road	West End of Road	0.45km West of Perth Road 10	Local	Urban	4	770	250	6	Surface Treated	57	6	6.8
45945	Spooner Road	0.45km West of Perth Road 10	Perth Road 10	Local	Urban	4	770	450	6	Surface Treated	57	6	6.8
45670	Verona Sand Road	Cross Road	0.70km East of Cross Road	Local	Rural	4	466	700	5	Surface Treated	56	6	6.7
58360	Westport Road	Bresee Road	Concession 12	Minor Arterial	Rural	4	750	1400	7	Surface Treated	56	6	6.7
42085	Factory Road	Washburn Road	Sunbury Road	Local	Rural	4	79	1400	6	Surface Treated	55	5.5	6.9
44305	Mclean Road	Wallace Road	Colebrook Road	Local	Rural	4	491	1350	6	Surface Treated	55	6.5	6.3
44515	Murton Road	Road 38	1.35km East of Road 38	Local	Rural	4	916	1850	6	Surface Treated	55	6.5	6.3
46015	Station Street	Walker Street	Bank Street	Local	Urban	5	49	100	5	Surface Treated	55	5	7.2
46270	Trousdale Road	Hinchinbrooke Road	Holleford Road	Local	Urban	4	127	1700	6	Surface Treated	55	6.5	6.3
45655	Verona Sand Road	West End of Road	Cross Road	Local	Rural	4	86	2200	5	Surface Treated	55	5	7.2
57900	Westport Road	New Road	0.20km East of Burrige Road	Minor Arterial	Rural	4	371	3400	7	Surface Treated	55	7	6.1
44905	Orser Road	West End of Road	Stage Coach Road	Local	Rural	4	712	1200	6	Surface Treated	54	6.5	6.2
45640	Salmon Lake Road	Bedford Road	North End of Road	Local	Rural	5	189	2100	6	Surface Treated	54	6	6.5
58015	Westport Road	0.20km East of Burrige Road	1.10km East of Lee Road	Minor Arterial	Rural	4	371	2500	7	Surface Treated	54	6	6.5
41590	Cross Road	Bellrock Road	Verona Sand Road	Local	Rural	4	185	550	4	Surface Treated	53	6	6.4
42760	Henderson Road	Wilton Road 18	Yarker Road 4	Local	Rural	5	708	1600	6	Surface Treated	53	6	6.4
45205	Quinn Road West	Wilton Road 18	Road 38	Local	Rural	4	146	1550	4	Surface Treated	53	6	6.4
46240	Tom Watson Road	West End of Road	Watson Road	Local	Rural	6	49	400	4	Surface Treated	53	5.5	6.7
46315	Vanluven Road	Holleford Road	Loughborough Portland Road	Local	Rural	4	670	2400	6	Surface Treated	53	6.5	6.1
58245	Westport Road	0.76km West of Bresee Road	Bresee Road	Minor Arterial	Rural	4	750	1200	7	Surface Treated	53	6	6.4

**Township of South Fontenac 2022 Road Needs Study
(Surface Treated Roads)**

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
42265	Forest Road	Murvale Road	Stage Coach Road	Local	Rural	5	379	1900	6	Surface Treated	52	6.5	6
43315	Jamieson Road	1.30km East of Road 38	Loughborough Portland Road	Local	Rural	4	248	2300	6	Surface Treated	51	6.5	5.9
40540	Bracken Road	Yarker Road 4	Mclean Road	Local	Rural	4	519	1550	6	Surface Treated	50	6	6.1
42025	Easy Street	West End of Road	Road 38	Local	Rural	6	49	100	5	Surface Treated	50	6	6.1
43045	Holleford Road	Johnny Martin Road	Deer Park Lane	Local	Rural	4	579	1600	7	Surface Treated	49	4	7.4
43435	Kerr Road	Petworth Road	North End of Road	Local	Rural	4	71	600	4	Surface Treated	48	5	6.5
42535	Gorr Road	Road 38	East End of Road	Local	Rural	4	56	900	5	Surface Treated	47	5	6.4
42580	Graham Road	Park Street	West End of Road	Local	Rural	5	100	500	5	Surface Treated	47	5	6.4
43735	Latimer Road	Davidson Road	1.70km West of Perth Road 10	Local	Rural	4	455	2900	6	Surface Treated	46	5.5	5.9
44020	Lower Round Lake Road	Round Lake Road	Ernie Road	Local	Rural	4	780	2100	7	Surface Treated	46	5	6.2
51690	Bedford Road	1.00km North of Salmon Lake Road	Desert Lake Road	Minor Arterial	Rural	4	147	3600	6	Surface Treated	45	5	6.1
43975	Loughborough Portland Road	Harrowsmith Road	Alton Road	Collector	Rural	4	1055	1400	6	Surface Treated	45	6	5.5
50675	Battersea Road	1.70km North of Burnt Hills Road	2.30km North of Burnt Hills Road	Major Arterial	Urban	5	490	600	6	Surface Treated	44	6	5.4
43030	Holleford Road	New Morin Road	Johnny Martin Road	Local	Rural	4	578	2900	7	Surface Treated	44	6	5.4
43930	Long Swamp Road	German Road	2.05km South of Bellrock Road	Local	Rural	6	50	2100	6	Surface Treated	42	5	5.8
44665	North Shore Road	Hewlett Packard Road	Convery Lane	Local	Rural	4	142	4000	6	Surface Treated	42	4	6.7
45595	Round Lake Road	4.10km East of Latimer Road	Battersea Road	Local	Rural	4	909	2200	6	Surface Treated	41	5	5.7
42655	Greenfield Road	West End of Road	0.70km West of Perth Road 10	Local	Rural	4	214	150	6	Surface Treated	40	4	6.4
40330	Battersea Mill Street	Battersea Road	South End of Road	Local	Rural	5	50	150	3	Surface Treated	38	5	5.4
50625	Battersea Road	Burnt Hills Road	1.70km North of Burnt Hills Road	Minor Arterial	Rural	5	490	1700	6	Surface Treated	38	6	4.7
52495	Desert Lake Road	Road 38	0.15km West of High Falls Road	Minor Arterial	Rural	5	953	2950	6	Surface Treated	37	4	6.1
51115	Bedford Road	Alton Road	Freeman Road	Minor Arterial	Rural	4	883	3850	6	Surface Treated	35	6	4.4
42235	Florida Road	1.30km South of Henderson Road	Henderson Road	Local	Rural	4	243	1300	6	Surface Treated	33	5	4.8
40030	Alton Road	Road 38	Loughborough Portland Road	Local	Rural	5	334	2700	6	Surface Treated	30	4	5.3
44035	Lower Round Lake Road	Ernie Road	East End of Road	Local	Rural	4	371	1450	6	Surface Treated	30	4	5.3
44890	Ormsbee Road	Milburn Road	East End of Road	Local	Rural	4	578	2650	6	Surface Treated	30	5	4.5
50750	Battersea Road	2.30km North of Burnt Hills Road	4.50km North of Burnt Hills Road	Minor Arterial	Rural	5	490	2200	7	Surface Treated	29	6	3.7
41575	Craig Road	Road 38	3.75km North of Road 38	Local	Rural	4	325	3750	5	Surface Treated	23	5	3.7

**Township of South Fontenac 2022 Road Needs Study
(Gravel Roads)**

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
46195	Tett Crescent	Perth Road 10	Perth Road 10	Local	Rural		5 88	900	5	Gravel	85	8	12
46285	Twilight Road	Maple Leaf Road	West End of Road	Local	Rural		6 49	350	4	Gravel	83	7	10
41620	Cummins Road	0.18km E of Wilton Road 18	East End of Road	Local	Rural		4 52	1400	6	Gravel	82	7.5	13
43406	Keir Road	Applewood Lane	West End of Road	Local	Rural		6 5	75	6	Gravel	82	8	15
44215	McAndrews Road	West End of Road	Township Boundary	Local	Rural		4 165	4200	4	Gravel	82	8	15
46615	Whitty Road North	Bradford Road	North End of Road	Local	Rural		6 16	300	5	Gravel	82	8	16
46630	Whitty Road South	South End of Road	Bradford Road	Local	Rural		6 5	150	4	Gravel	82	8	16
40450	Bellrock Mill Street	First Lake Road	East End of Road	Local	Rural		5 10	100	5	Gravel	80	7	13.5
41350	Clear Lake Road	0.70km West of Perth Road 10	Perth Road 10	Local	Rural		6 13	700	4	Gravel	80	8	18
41830	Depot Street	Bellrock Road	North End of Road	Local	Rural		6 49	100	5	Gravel	80	7.5	16.5
42835	Hidden Valley Road	Perth Road 10	0.50km East of Perth Road 10	Local	Rural		4 142	500	4	Gravel	80	7.5	16
41665	Darling Road	Opinicon Road	0.50km North of Opinicon Road	Local	Rural		6 15	500	4	Gravel	79	7	15
40195	Arthur Road	Latimer Road	North End of Road	Local	Rural		6 49	600	6	Gravel	78	7	16
40601	Bradford Road	Ellerbeck Road	East End of Road	Local	Rural		6 5	93	6	Gravel	78	7.5	18
45400	Rickards Road	Rutledge Road	West End of Road	Local	Rural		4 68	300	4	Gravel	78	8	21
46585	White Lake Road	1.70km East of Buck Bay Road	Green Bay Road	Local	Rural		4 101	3000	5	Gravel	78	7.5	18
42190	Fish Creek Road	2.5km West of Bob's Lake Road	Bob's Lake Road	Local	Rural		6 44	2500	4	Gravel	77	7	17.5
43555	Lake Road	0.70km West of Lower Round Lake Road	0.60km West of Lower Round Lake Road	Local	Rural		6 6	150	3	Gravel	76	6	15
45610	Roushorn Road	Perth Road 10	Perth Road 10	Local	Rural		4 58	500	4	Gravel	76	7.5	21
42745	Haughton Road	Westport Road	Lee Road	Local	Rural		6 15	500	4	Gravel	75	7	21
43420	Keller Road	North End of Road	Larry York Road	Local	Rural		6 49	150	5	Gravel	75	7	20
43960	Loughborough View Road	West End of Road	Battersea Road	Local	Rural		4 203	700	5	Gravel	75	7	21
45445	Ritchie Road	West End of Road	Wilmer Road	Local	Rural		4 9	200	5	Gravel	75	7	20
45295	Railway Street	Wilton Road 18	Road 38	Local	Rural		5 156	250	4	Gravel	74	8	25.5
40255	Babcock Road	Lagoon Road	Harrowsmith Road	Local	Rural		6 49	200	4	Gravel	73	7.5	25
43465	Kingsford Lake Road	South End of Road	Devil Lake Road	Local	Rural		6 49	300	4	Gravel	73	6.5	21
45850	Simpson Road	Battersea Road	South End of Road	Local	Rural		6 59	2200	4	Gravel	73	7.5	25
41980	Dixon Road	0.45km North of Latimer Road	North End of Road	Local	Rural		4 76	1150	4	Gravel	72	7	24.5
42715	Hanna Road	Westport Road	North End of Road	Local	Rural		4 74	1400	4	Gravel	72	7.5	26
43795	Leisure Point Road	Massassauga Road	2.40km North of Massassauga Road	Local	Rural		6 100	230	4	Gravel	72	7	24
46395	Walsh Road	0.15km East of Perth Road 10	0.80km East of Perth Road 10	Local	Rural		6 46	650	4	Gravel	72	6.5	22
42400	Garrett Road	Westport Road	Green Bay Road	Local	Rural		4 72	2200	4	Gravel	70	7	26.5
43540	Lagoon Road	South End of Road	Harrowsmith Road	Local	Rural		6 12	200	4	Gravel	70	6	22.5
45790	Shales Road	Trotter Road	Perth Road 10	Local	Rural		4 158	3100	4	Gravel	70	7	27
41845	Devil Lake Road	Canoe Lake Road	Kingsford Lake Road	Local	Rural		4 67	1600	5	Gravel	69	7	28.5
42040	Eel Bay Road	South End of Road	Charlie Green Road	Local	Rural		4 132	800	4	Gravel	69	7	29
43510	Knowlton Lake Road	Loughborough Portland Road	North End of Road	Local	Rural		6 55	800	5	Gravel	69	7	29
43525	Koen Road	South End of Road	North Shore Road	Local	Rural		6 52	500	4	Gravel	69	7	29
44290	McGarvey Road	0.15km North of Battersea Road	Princess Road	Local	Rural		4 410	1800	6	Gravel	69	7	29
40225	Asselstine Road	Ritchie Road	West End of Road	Local	Rural		6 49	200	3	Gravel	68	6.5	27
41560	Coupland Road	Rutledge Road	South End of Road	Local	Rural		6 100	150	4	Gravel	68	6	25
41770	Dean Smith Road	Latimer Road	East End of Road	Local	Rural		4 76	2000	4	Gravel	68	6	25.5
45925	Dover Road	Latimer Road	East End of Road	Local	Rural		4 100	800	4	Gravel	68	7	30
45390	Reynolds Road	Snider Road	0.35km South of Snider Road	Local	Rural		6 28	350	4	Gravel	68	6.5	28
40090	Anderson Road	Bradshaw Road	2.55km North of Bradshaw Road	Local	Rural		6 45	2550	5	Gravel	67	6	26.5
40480	Bellrock Pero Road	West End of Road	Leveque Road	Local	Rural		6 9	300	4	Gravel	67	6.5	29
43240	Ida Hill Road	Washburn Road	Sunbury Road	Local	Rural		6 60	1300	6	Gravel	67	6.5	28.5
40405	Beech Nut Road	Mount Chesney Road	Bear Creek Road	Local	Rural		6 30	1500	6	Gravel	66	6	28
40675	Brewer Lake Road	Sunbury Road	Sunbury Road	Local	Rural		6 15	800	4	Gravel	66	7	32
43675	Larry York Road	Battersea Road	North End of Road	Local	Rural		6 75	400	5	Gravel	66	7	33
46600	White Road	Westport Road	Westport Road	Local	Rural		6 8	600	4	Gravel	66	7	33
40420	Bell Road	Holleford Road	East End of Road	Local	Rural		4 29	400	4	Gravel	65	6	30
41815	Deerhurst Road	South End of Road	Bellrock Road	Local	Rural		6 43	800	4	Gravel	65	6.5	31
44125	Maple Leaf Road	Opinicon Road	Billy Green Road	Local	Rural		4 178	1800	5	Gravel	64	7	35.5
40015	Abernathy Road	0.8km East of Ida Hill Road	East End of Road	Local	Rural		4 158	700	4	Gravel	63	7	37

**Township of South Fontenac 2022 Road Needs Study
(Gravel Roads)**

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
40555	Bradden Road	North End of Road	Battersea Road	Local	Rural	6	24	500	4	Gravel	63	7	36
41995	Draper Lake Road	Norway Road	North End of Road	Local	Rural	6	55	2900	4	Gravel	63	6.5	34.5
42175	First Lake Road	1.70km North of Bellrock Mill Street	Snider Road	Local	Rural	4	124	3700	4	Gravel	63	7	36.5
42385	Frye Road	1.0km South of Roushorn Road	Roushorn Road	Local	Rural	4	124	1000	4	Gravel	63	7	37
46255	Trotter Road	Shales Road	North End of Road	Local	Rural	6	39	500	4	Gravel	63	6	32.5
44620	Nolan Road	Clair Road	North End of Road	Local	Rural	6	9	350	4	Gravel	62	6	33
43285	James Wilson Road	2.00km West of Canoe Lake Road	Canoe Lake Road	Local	Rural	4	90	1000	4	Gravel	61	5.5	33
44200	Massassauga Road	Perth Road 10	1.40km East of Perth Road 10	Local	Rural	4	285	1400	4	Gravel	61	6.5	37
44875	O'Riley Road	Holleford Road	East End of Road	Local	Rural	6	38	600	4	Gravel	61	5	30.5
40120	Anderson Road	Bertrim Lane	1.4km North of Bertrim Lane	Local	Rural	6	56	1400	5	Gravel	60	5	31.5
42130	Firehall Road	Garrett Road	Burridge Road	Local	Rural	6	15	1500	4	Gravel	60	5.5	33.5
43780	Lee Road	Westport Road	North End of Road	Local	Rural	4	158	5400	4	Gravel	60	5.5	34.5
46720	Wilson Road	Harrowsmith Road	North End of Road	Local	Rural	6	51	800	6	Gravel	60	7	40
40795	Burns Road	Green Bay Road	North End of Road	Local	Rural	4	107	3300	4	Gravel	59	6	38
41080	Canoe Lake Road	James Wilson Road	Devil Lake Road	Local	Rural	4	137	2100	6	Gravel	59	6.5	39
42210	Fitzgerald Road	Westport Road	North End of Road	Local	Rural	6	2	500	3	Gravel	59	5	32.5
44355	Meeks Road	Leveque Road	0.30km East of Leveque Road	Local	Rural	6	7	300	3	Gravel	59	5	33.5
40105	Anderson Road	2.55km North of Bradshaw Road	Bertrim Lane	Local	Rural	6	51	2100	5	Gravel	58	4.5	33
44205	Massassauga Road	3.90km East of Perth Road 10	South End of Road	Local	Rural	4	199	5700	4	Gravel	58	6	38.5
40390	Bedford Mills Road	Perth Road 10	Perth Road 10	Local	Rural	6	49	700	5	Gravel	57	6.5	42
40484	Billy Green Road	Maple Leaf Road	North End of Road	Local	Rural	4	131	6000	4	Gravel	57	7	45
40990	Canal Road	Sunbury Road	North End of Road	Local	Rural	4	74	500	5	Gravel	57	6.5	42.5
42625	Green Bay Road	White Lake Road	Burns Road	Local	Rural	4	147	5200	6	Gravel	57	5	36
45895	Sonneveld Road	Washburn Road	Sunbury Road	Local	Rural	4	103	1600	5	Gravel	57	6	39.5
40900	Burridge Road	Green Bay Road	North End of Road	Local	Rural	4	151	8200	4	Gravel	56	5	36.5
41320	Clair Road	Church Road (Bellrock)	Leveque Road	Local	Rural	6	40	3600	4	Gravel	56	6	42
42310	Freeman Road	Loughborough Portland Road	1.05km West of Gould Lake Road	Local	Rural	4	151	550	4	Gravel	56	5	36.5
44785	Old Thirteen Island Road	South End of Road	Westport Road	Local	Rural	6	51	1600	5	Gravel	56	6	41
42775	Henry Road	Westport Road	1.0km East of Westport Road	Local	Rural	6	35	1000	4	Gravel	55	5	39
43225	Iawah Road	Lee Road	1.50km East of Lee Road	Local	Rural	6	11	1500	5	Gravel	55	6	42.5
45910	Split Rail Road	South End of Road	Opinicon Road	Local	Rural	6	35	500	4	Gravel	55	6.5	45.5
41095	Canoe Lake Road	Kingsford Lake Road	3.4km South of Westport Road	Local	Rural	4	57	3400	6	Gravel	54	5	39.5
41860	Devil Lake Road	Kingsford Lake Road	4.20km East of Kingsford Lake Road	Local	Rural	6	46	4200	5	Gravel	54	5.5	42
41890	Devil Lake Road	Tobin Road	Centreville Road	Local	Rural	6	203	1950	6	Gravel	54	6	43.5
42565	Gould Lake Road	0.85km North of Freeman Road	North End of Road	Local	Rural	4	175	3300	4	Gravel	54	5	40
42730	Harris Road	Battersea Road	1.90km East of Battersea Road	Local	Rural	6	5	1900	4	Gravel	54	6.5	46
43330	Johnny Martin Road	Holleford Road	East End of Road	Local	Rural	6	20	900	4	Gravel	53	5	40.5
43840	Leland Road	1.60km East of Perth Road 10	North Shore Road	Local	Rural	4	95	4200	5	Gravel	53	5.5	43.5
46225	Tobin Road	West End of Road	Devil Lake Road	Local	Rural	6	11	1000	4	Gravel	53	4.5	39
41545	Cottage Road	West End of Road	Gould Lake Road	Local	Rural	6	27	400	4	Gravel	52	5.5	44
44050	MacGillivray Road	Billy Green Road	1.50km East of Billy Green Road	Local	Rural	6	40	1500	4	Gravel	52	6	47
44500	Mulville Road	Devil Lake Road	South End of Road	Local	Rural	6	15	2400	4	Gravel	52	5.5	44
43660	Lambert Road	Stage Coach Road	East End of Road	Local	Rural	4	94	800	6	Gravel	51	6	48.5
46045	Steve Babcock Road	James Wilson Road	North End of Road	Local	Rural	6	43	350	4	Gravel	51	4	40
46210	Timmerman Road	South End of Road	James Wilson Road	Local	Rural	6	49	1000	3	Gravel	51	4.5	42
41500	Concession 12	Mulville Road	Westport Road	Local	Rural	6	40	1100	4	Gravel	50	4	40.5
40660	Bresee Road	South End of Road	Westport Road	Local	Rural	6	10	400	4	Gravel	49	3	38.5
43885	Leveque Road	Bellrock Pero Road	North End of Road	Local	Rural	6	79	3550	5	Gravel	49	5	46
45355	Redmond Road	West End of Road	0.25km West of Holleford Road	Local	Rural	6	40	1000	5	Gravel	48	4	44
41920	Dewitt Road	North End of Road	Burridge Road	Local	Rural	6	69	2600	4	Gravel	45	3	43.5
42610	Green Bay Road	Buck Bay Road	White Lake Road	Local	Rural	4	186	5400	5	Gravel	45	4.5	49.5
43270	James Wilson Road	Bunker Hill Road	2.00km West of Canoe Lake Road	Local	Rural	6	257	5900	4	Gravel	45	4	47
41530	Corkey Road	Latimer Road	North End of Road	Local	Rural	6	100	450	4	Gravel	44	3	44
42820	Hickey Road	Buck Bay Road	East End of Road	Local	Rural	4	87	1200	4	Gravel	44	5.5	55.5
44425	Miller Road	West End of Road	Road 38	Local	Rural	4	128	1200	4	Gravel	44	5	53

**Township of South Fontenac 2022 Road Needs Study
(Gravel Roads)**

Section ID	Road Name	Start	End	Functional Class	Roadside Environment	Minimum Maintenance Standard	AADT	Section Length (m)	Surface Width (m)	Surface Type	Pavement Condition Index (PCI)	RCR	DMI
46090	Sweetman Road	West End of Road	Dewitt Road	Local	Rural	6	2	600	4	Gravel	44	2	40
43405	Keir Road	0.7km West of Duff Road	Duff Road	Local	Rural	4	95	700	2	Gravel	43	5	55
42805	Hewlett Packard Road	North Shore Road	North End of Road	Local	Rural	6	25	800	4	Gravel	42	4	52
40885	Burridge Lake Road	Burridge Road	North End of Road	Local	Rural	6	43	1800	5	Gravel	41	3	48
41875	Devil Lake Road	4.20km East of Kingsford Lake Road	Tobin Road	Local	Rural	6	203	4500	5	Gravel	41	5.5	59
42925	Hinchinbrooke Road North	Desert Lake Road	North End of Road	Local	Rural	6	24	3200	4	Gravel	40	4	54.5
43900	Little Long Lake Road	Bedford Road	Charlie Green Road	Local	Rural	6	45	1800	3	Gravel	39	5	60
45310	Ramparts Road	North End of Road	1.10km North of Battersea Road	Local	Rural	5	172	800	5	Gravel	39	4	56
45325	Ramparts Road	1.10km North of Battersea Road	Battersea Road	Local	Rural	5	172	1100	5	Gravel	37	5	62
42205	Fishing Lake Road	North Shore Road	North End of Road	Local	Rural	6	6	8000	4	Gravel	36	4	59.5
44335	McNiel Road	Burridge Road	Lee Road	Local	Rural	6	2	3100	4	Gravel	35	3	56
43915	Long Swamp Road	2.05km South of Bellrock Road	Bellrock Road	Local	Rural	6	50	2100	4	Gravel	34	1	49
44605	New Road	Westport Road	Green Bay Road	Local	Rural	6	19	500	5	Gravel	34	2	53

APPENDIX D

**Pavement Condition Evaluation
Forms**



FLEXIBLE PAVEMENT CONDITION EVALUATION FORM (MUNICIPALITIES)

Road No. (Street): 46000 (Stage Coach Road)

From: Campbell Road

To: Rutledge Road

Section Length: 0.7 (Km)

Survey Date: Apr-22

Traffic Direction: B B (Both Directions); N (North); S (South); E (East); W (West)

Project No. 21501017

Class: C F: Freeway, C: Connecting Link, A: Major Arterial, M: Minor Arterial, R: Residential

PCR: 63 **RCR:** 6.5

Evaluated by: MM/JB



Pavement Distress Manifestion			Severity of Distress			Density of Distress (Extent of Occurrence, %)		
			Slight	Moderate	Severe	Intermittent	Frequent	Extensive
			1	2	3	<20	20-50	>50
Surface Defects	Ravelling	1						
	Flushing	2						
	Potholes	3						
	Pavement Edge Breaks	4		X			X	
	Manholes & Catchbasins	5						
Surface Deformations	Rippling and Shoving	6						
	Wheel Track Rutting	7						
	Distortion	8						
	Utility Trenches	9						
Cracking	Longitudinal	10			X		X	
	Transverse	11			X		X	
	Pavement Edge	12			X		X	
	Map	13		X			X	
	Alligator	14			X		X	

Distress comments (Items not covered above): _____

Shoulder Distress Manifestion		Severity of Distress						Density of Distress (Extent of Occurrence, %)					
		Right			Left			Right			Left		
Dominant Type	Distress	Slight	Moderate	Severe	Slight	Moderate	Severe	<20	20-50	>50	<20	20-50	>50
Paved Full	Pavement Edge Paved Shoulder Separation												
Paved Partial	Cracking												
Surface Treated	Breakup and Potholes												
Primed	Distortion												
	Pavement Edge Curb Separation												

Maintenance Treatment							
Pavement	Extent of Occurrence, %			Shoulder	Extent of Occurrence, %		
	<10	10-20	20-50		<10	10-20	20-50
	1	2	3		1	2	3
Manual Patching				Manual Patching			
Machine Patching				Manual Spray Patching			
Manual Spray Patching				Manual Chip Seal			
Manual Chip Seal				Crack Rout & Seal			
Machine Chip Seal							
Fog Seal							
Surface Treatment							
Manual Burn & Seal							
Crack Rout & Seal							

Other Comments (e.g. subsections, additional contracts): _____



SURFACE TREATED PAVEMENT CONDITION EVALUATION FORM

Road No. (Street): 44515 (Murton Road)

From: Road 38 **To:** 1.35km East of Road 38

Section Length: 1.85 **(Km)**

Survey Date: Apr-22

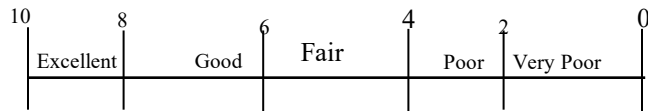
Traffic Direction: B B (Both Directions); N (North); S (South); E (East); W (West)

Project No. 21501017

Class: M F: Freeway, C: Connecting Link, A: Major Arterial, M: Minor Arterial, R: Residential

PCR: 55 **RCR:** 6.5

Evaluated by: MM/JB



Severity of Distress			Density of Distress (Extent of Occurrence, %)		
			Intermittent	Frequent	Extensive
Slight	Moderate	Severe	<20	20-50	>50
			1	2	3
Pavement Distress Manifestion			1	2	3
Surface Defects	Loss of Cover Aggregate	1			
	Streaking	2			
	Flushing	3			
	Potholes	4			
	Pavement Edge Break	5	X		X
Surface Deformations	Rippling and Shoving	6			
	Wheel Track Rutting	7	X		X
	Distortion	8	X		X
Cracking	Longitudinal	9		X	X
	Transverse	10		X	
	Pavement Edge	11		X	X
	Alligator	12	X		X

Shoulder Distress	Density of Distress Extent of Occurrence %			
	Left		Right	
	10-30	>30	10-30	>30
	1	2	1	2
Encroaching Growth				
Poor Cross-fall				

Maintenance Treatment for Pavement	Extent of Occurrence %		
	<20	20-50	>50
	1	2	3
Manual Patching			
Machine Patching			
In Situ Recycling			
Manual Spray Patching			
Manual Chip Seal			
Machine Chip Seal			
Fog Seal			
Manual Burn & Seal			

Distress comments (Items not covered above): _____

Other Comments (e.g. subsections, additional contracts): _____



GRAVEL SURFACE PAVEMENT CONDITION EVALUATION FORM

Road No. (Street): 43900 (Little Long Lake Road)
 From: Bedford Road
 To: Charlie Green Road
LHRS **km**
 Section **km**
 District
 Highway
BEGINS OFFSET LENGTH

Survey Date
 PCR
YEAR MONTH

Traffic Direction

B: BOTH DIRECTIONS
 N: NORTH BOUND
 S: SOUTH BOUND
 E: EAST BOUND
 W: WEST BOUND

Project No.

Roadway Surface Distress Manifestation		Severity of Distress			Density of Distress (Extent of Occurrence, %)		
		Slight	Moderate	Severe	Intermittent	Frequent	Extensive
					10-20	20-50	50-80
		1	2	3	1	2	3
Surface Defects	Loose Gravel	1	x				x
	Dust	2					
	Potholes	3		x			x
	Breakup	4					
Surface Deformations	Washboard	5		x		x	
	Rutting	6	x			x	
	Flat / Reverse Crown	7					
	Distortion	8		x			x

Distress comments (Items not covered above) _____

Shoulder Distress Manifestation	Severity of Distress						Density of Distress (Extent of Occurrence, %)					
	Right			Left			Right			Left		
	Slight	Moderate	Severe	Slight	Moderate	Severe	Intermittent	Frequent	Extensive	Intermittent	Frequent	Extensive
	1	2	3	1	2	3	< 20	20-50	> 50	< 20	20-50	> 50
	1	2	3	1	2	3	1	2	3	1	2	3
Excessive Height												
Ponding												
Overgrowth												

Suggested Maintenance Treatment: _____

Evaluated by: MM/JB

APPENDIX E

Road Network Overview



Infrastructure Solutions

December 7, 2022

Township of South Frontenac



Report Type: NetworkOverview
Report Generated by: Roozbeh Rashedi

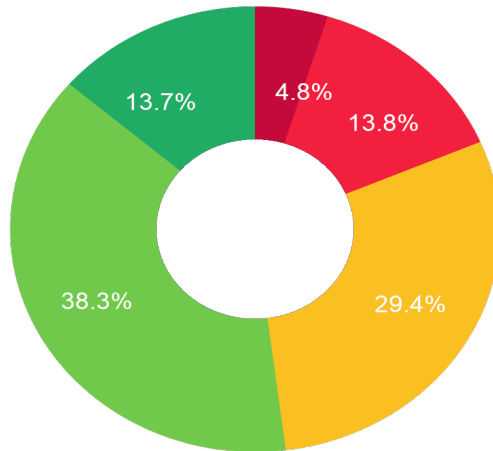
Network Overview

The Township of South Frontenac has a total of 802 Km of Roads. The network overall condition based on the latest condition assessment data is estimated at 68, representing an overall "Fair" condition. The details of network overview information are as follows.

Title	Condition	Condition State
Gravel Overall Condition	57	Fair
HMA Overall Condition	75	Good
ST Overall Condition	71	Good

Network Condition Status

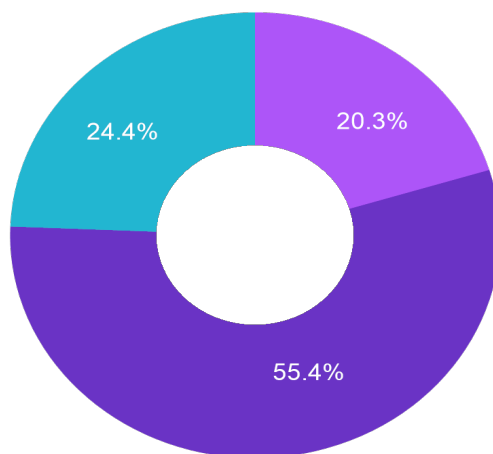
■ Very Poor
 ■ Poor
 ■ Fair
 ■ Good
 ■ Excellent



Condition	Length (Km)	Percentage
Very Poor	38.6	4.8%
Poor	110.4	13.8%
Fair	235.8	29.4%
Good	306.8	38.3%
Excellent	110.1	13.7%

Surface Type Breakdown

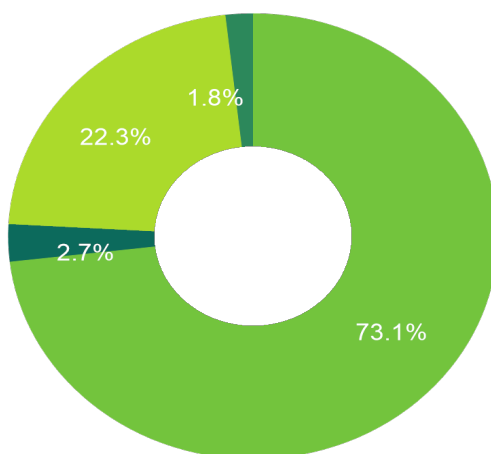
■ Hot Mix Asphalt
 ■ Surface Treated
 ■ Gravel



Surface Type	Length (Km)	Percentage
Hot Mix Asphalt	162.4	20.3%
Surface Treated	444.0	55.4%
Gravel	195.4	24.4%

Functional Class Breakdown

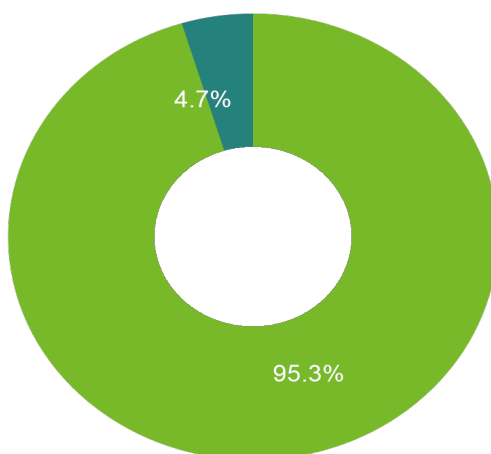
■ Local
 ■ Collector
 ■ Minor Arterial
 ■ Major Arterial



Functional Class	Length (Km)	Percentage
Local	586.2	73.1%
Collector	21.8	2.7%
Minor Arterial	178.9	22.3%
Major Arterial	14.8	1.8%

Roadside Environment Breakdown

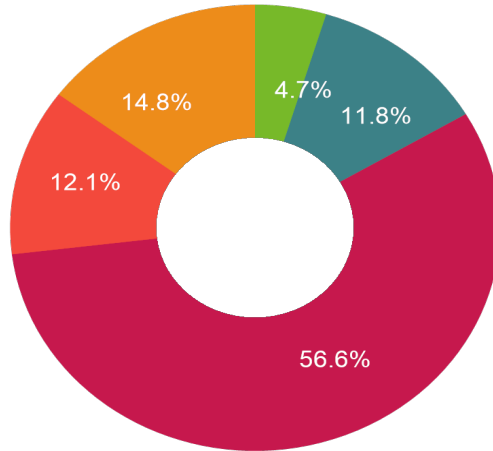
■ Rural
 ■ Urban



Roadside Environment	Length (Km)	Percentage
Rural	763.7	95.3%
Urban	38.0	4.7%

MMS Breakdown

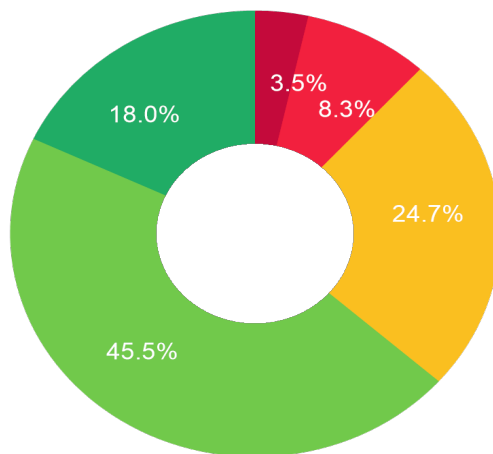
■ 2 ■ 3 ■ 4 ■ 5 ■ 6



MMS	Length (Km)	Percentage
2	37.6	4.7%
3	94.5	11.8%
4	453.4	56.6%
5	97.2	12.1%
6	119.0	14.8%

Paved State Breakdown

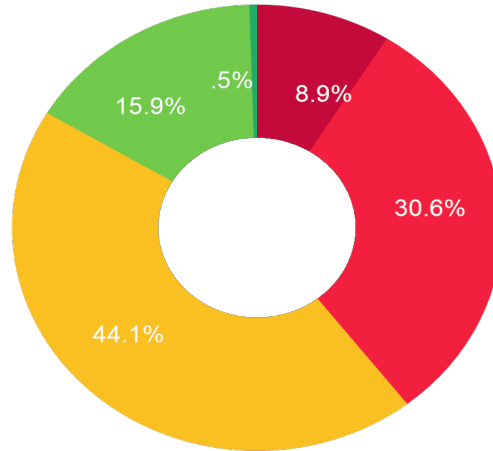
■ Very Poor ■ Poor ■ Fair ■ Good ■ Excellent



Condition	Length (Km)	Percentage
Very Poor	21.2	3.5%
Poor	50.6	8.3%
Fair	149.6	24.7%
Good	275.6	45.5%
Excellent	109.2	18.0%

Gravel State Breakdown

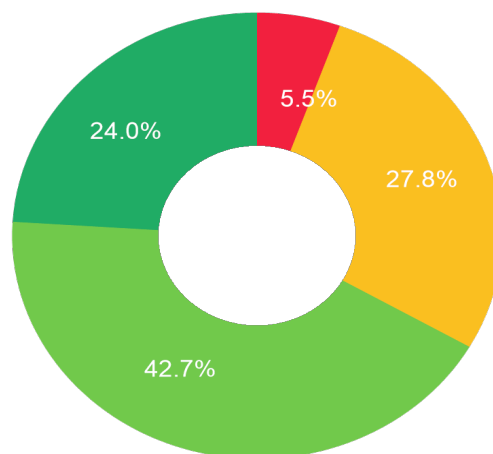
■ Very Poor
 ■ Poor
 ■ Fair
 ■ Good
 ■ Excellent



Condition	Length (Km)	Percentage
Very Poor	17.4	8.9%
Poor	59.8	30.6%
Fair	86.2	44.1%
Good	31.1	15.9%
Excellent	0.9	0.5%

HMA Condition States

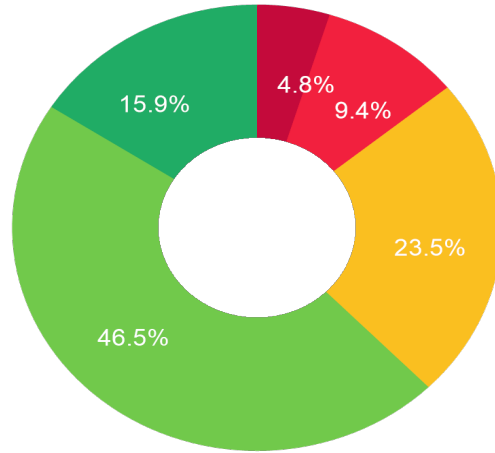
■ Poor
 ■ Fair
 ■ Good
 ■ Excellent



Condition	Length (Km)	Percentage
Poor	9.0	5.5%
Fair	45.1	27.8%
Good	69.4	42.7%
Excellent	38.9	24.0%

ST Condition States

Very Poor Poor Fair Good Excellent



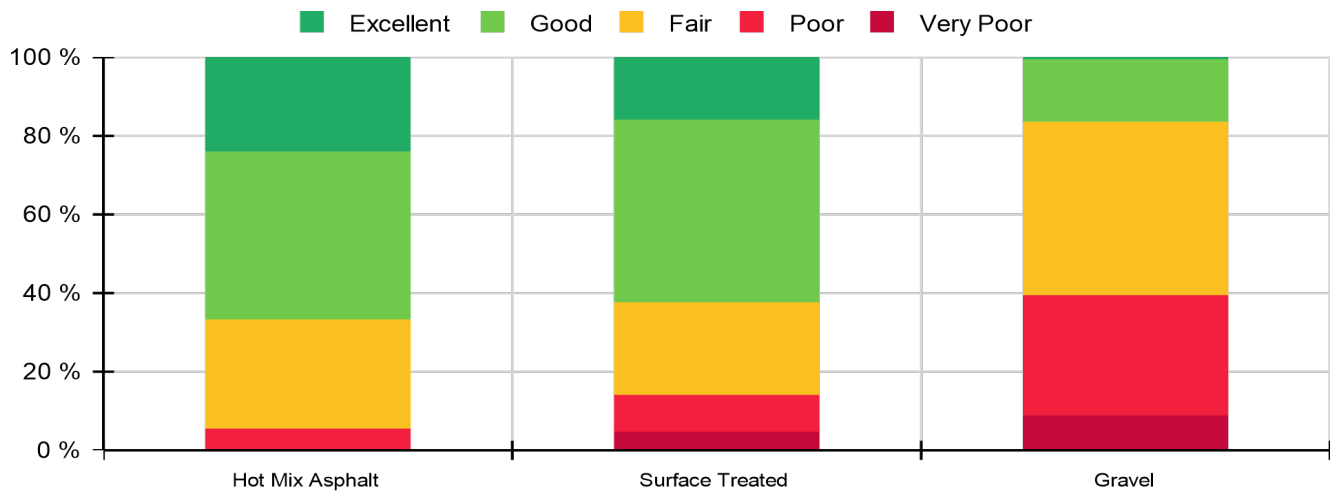
Condition	Length (Km)	Percentage
Very Poor	21.2	4.8%
Poor	41.6	9.4%
Fair	104.5	23.5%
Good	206.3	46.5%
Excellent	70.4	15.9%

Condition Status by Functional Class



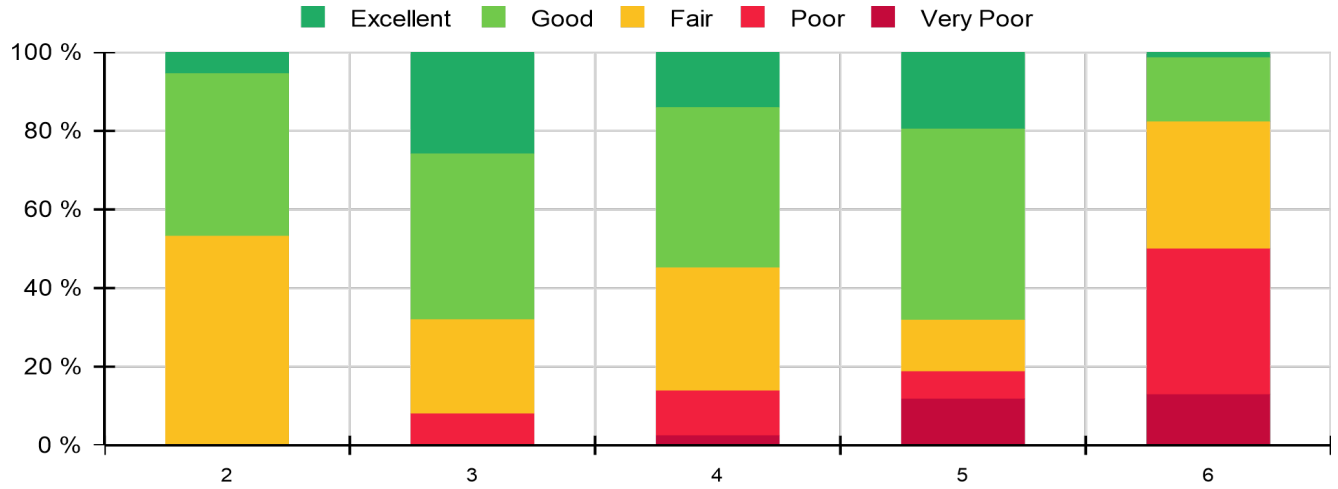
Functional Class	Excellent	Good	Fair	Poor	Very Poor
Local	74.9	218.4	170.3	94.6	28.0
Collector	3.2	14.6	2.7	1.4	0.0
Minor Arterial	29.2	67.6	57.6	13.8	10.7
Major Arterial	2.8	6.3	5.2	0.6	0.0

Condition Status by Surface Type



Surface Type	Excellent	Good	Fair	Poor	Very Poor
Hot Mix Asphalt	38.9	69.4	45.1	9.0	0.0
Surface Treated	70.4	206.3	104.5	41.6	21.2
Gravel	0.9	31.1	86.2	59.8	17.4

Condition Status by MMS



MMS	Excellent	Good	Fair	Poor	Very Poor
2	2.0	15.6	20.1	0.0	0.0
3	24.3	39.8	22.6	7.7	0.0
4	63.4	184.7	141.8	51.9	11.6
5	18.9	47.3	12.7	6.8	11.6
6	1.5	19.4	38.4	44.1	15.5

APPENDIX F

**Proposed Treatment Options and
Description**

Treatment Methods				
Treatment	Description	Unit Cost	Inflation Rate	Cost Estimation Year
ST-Slurry	Slurry Seal	3.50 \$/m ²	2.0%	2022
ST-SST	Single Surface Treatment (Chip Seal)	4.00 \$/m ²	2.0%	2022
ST-Ovly	One Lift Overlay / Mill & One Lift Overlay	42.58 \$/m ²	2.0%	2022
ST-FDR & DST	Full Depth Reclamation (FDR) + Double Surface Treatment	14.00 \$/m ²	2.0%	2022
ST-FDR & Ovly	Full Depth Reclamation (FDR) + One lift Overlay	46.72 \$/m ²	2.0%	2022
ST-FDR & 2Ovly	Full Depth Reclamation (FDR) + Two Lift Overlay	89.31 \$/m ²	2.0%	2022
ST-FDR & EAS & ST	FDR with Emulsion/Expanded Asphalt Stabilization + Single Surface Treatment	26.50 \$/m ²	2.0%	2022
HMA-Crack Seal	Crack Sealing	0.25 \$/m ²	2.0%	2022
HMA-Slurry	Slurry Seal	3.50 \$/m ²	2.0%	2022
HMA-EnhSurf	Enhanced Thin Surfacing (Microsurfacing, Thin HMA Overlay)	4.50 \$/m ²	2.0%	2022
HMA-Enh2Surf	Enhanced Double Thin Surfacing (Cape Seal, Double Microsurfacing)	7.25 \$/m ²	2.0%	2022
HMA-Ovly	One Lift Overlay / Mill and One Lift Overlay	42.58 \$/m ²	2.0%	2022
HMA-2Ovly	Two Lift Overlay / Mill and Two Lift Overlay	85.17 \$/m ²	2.0%	2022
HMA-FDR & 2Ovly	Full Depth Reclamation (FDR) + Two Lift Overlay	89.31 \$/m ²	2.0%	2022
HMA-FDR & EAS & DST	FDR with Emulsion/Expanded Asphalt Stabilization + Double Surface Treatment	26.50 \$/m ²	2.0%	2022
HMA-FDR & EAS & Ovly	FDR with Emulsion/Expanded Asphalt Stabilization + One Lift Overlay	66.24 \$/m ²	2.0%	2022
HMA-FDR & EAS & 2Ovly	FDR with Emulsion/Expanded Asphalt Stabilization + Two Lift Overlay	108.83 \$/m ²	2.0%	2022
HMA-FDARR & 2Ovly	Full depth asphalt removal and replacement (Two Lifts HMA)	91.08 \$/m ²	2.0%	2022
HMA-FDARR & 3Ovly	Full depth asphalt removal and replacement (Three Lifts HMA)	133.67 \$/m ²	2.0%	2022
Re-Gravelling (100 mm or 4 in)	Re-Gravelling (100 mm or 4 in)	22,000.00 \$/Km	2.0%	2022
Rehabilitation	Rehabilitation	25000.00 \$/Km	2.0%	2022
Re-Gravelling HT (100 mm or 4 in)	Re-Gravelling in High Traffic (100 mm or 4 in)	22,000.00 \$/Km	2.0%	2022
Rehabilitation HT	Rehabilitation in High Traffic	25,000.00 \$/Km	2.0%	2022

HMA (Paved Roads)

HMA-Crack Seal

Crack Sealing

Crack Sealing is the process of placing specialized materials into cracks in unique configurations to keep water and other matter out of the crack and the underlying pavement layers.



Crack Sealing

HMA-Slurry

Slurry Seal

Slurry Seal is mixture of slow setting emulsified asphalt, well graded fine aggregate, mineral filler and water. This treatment is used to fill cracks and seal areas of old pavement, to restore a uniform surface texture, to seal the surface to prevent moisture and air intrusion into the pavement, and to improve skid resistance.



Slurry Seal

HMA-ST

Single Surface Treatment (Chip Seal)

Single Surface Treatment (Chip Seal) is a common type of pavement surfacing construction which involves an application of asphalt binder material (bitumen emulsion) and mineral aggregate (gravel). The emulsion is applied by a pressure distributor, followed immediately by an application of mineral aggregate, and finished by rolling.



Surface Treatment (Chip Seal)

HMA-DST

Double Surface Treatment (Chip Seal)

The process for Single Surface Treatment (Chip Seal) is repeated for the second application of emulsion and mineral aggregate (gravel). The first application of aggregate is coarser than the aggregate used in the second application and usually determines the pavement thickness.

HMA-DST SAMI

Double Surface Treatment (Chip Seal) + SAMI

In addition to the Double Surface Treatment, the Stress Absorbing Membrane Interlayer (SAMI) is a geo textile mat that is laid between the surface treatments to strengthen the structure of the road.



SAMI

HMA-EnhSurf

Enhanced Thin Surfacing (Microsurfacing, Thin HMA Overlay)

Microsurfacing is an application of a mixture of polymer-modified asphalt emulsion, mineral aggregate, mineral filler, water, and other additives, properly proportioned, mixed, and spread on a paved surface. Unlike slurry seal, Microsurfacing can be used on high volume roadways to correct wheel path rutting and provide a skid resistant pavement surface.

Thin HMA Overlay is a Hot Mix Asphalt (HMA) overlay of 40 millimeters or less, and is sometimes used when Microsurfacing is not available.



Micro-surfacing

HMA-Enh2Surf

Enhanced Double Thin Surfacing (Double Microsurfacing, Cape Seal)

Double Microsurfacing is an application where the process of Microsurfacing is repeated for a second application.

Cape Seal is an application of a Chip Seal followed by the application of Slurry Seal or Microsurfacing at a later date.

HMA-Ovly

Mill and One Lift Overlay

50mm HMA Overlay with or without milling

HMA-2Ovly

Mill and Two Lift Overlay

2 lift of 50mm HMA Overlay with or without milling

HMA-FDR & 2Ovly

Full Depth Reclamation (FDR) + Two Lift Overlay

Full Depth Reclamation (FDR) is a process where the full pavement section and a pre-determined portion of the underlying materials are uniformly crushed or pulverized. In this treatment this recycled material is then stabilized by mixing it with a recycling agent and other chemical additives. The recycling agent is commonly asphalt-based emulsion or cold-foamed asphalt, or an emulsified engineered recycling agent. The mixture is then spread and compacted to produce a base layer. Two lifts (typically 50mm each) of Hot Mix Asphalt are applied as a surface material, where the second lift is usually a finer grade of Hot Mix.

HMA-FDR & EAS & DST

FDR with Emulsion/Expanded Asphalt Stabilization + Double Surface Treatment

Full Depth Reclamation (FDR) plus a recycle agent and other additives plus a second application of emulsion and mineral aggregate (gravel)

HMA-FDR & EAS & Ovly

FDR with Emulsion/Expanded Asphalt Stabilization + One Lift Overlay

Full Depth Reclamation (FDR) is a process where the full pavement section and a pre-determined portion of the underlying materials are uniformly crushed or pulverized. In this treatment this recycled material is then stabilized by mixing it with a recycling agent and other chemical additives. The recycling agent is commonly asphalt-based emulsion or cold-foamed asphalt, or an emulsified engineered recycling agent. The mixture is then spread and compacted to produce a base layer. A single lift (typically 50mm) of Hot Mix Asphalt is applied as a surface material.

HMA-FDR & EAS & 2Ovly

FDR with Emulsion/Expanded Asphalt Stabilization + Two Lift Overlay

Full Depth Reclamation (FDR) is a process where the full pavement section and a pre-determined portion of the underlying materials are uniformly crushed or pulverized. In this treatment this recycled material is then stabilized by mixing it with a recycling agent and other chemical additives. The recycling agent is commonly asphalt-based emulsion or cold-foamed asphalt, or an emulsified engineered recycling agent. The mixture is then spread and compacted to produce a base layer. Two lifts (typically 50mm each) of Hot Mix Asphalt are applied as a surface material, where the second lift is usually a finer grade of Hot Mix.



Expanded Asphalt Stabilization

HMA-FDARR & 2Ovly

Full depth asphalt removal and replacement (Two Lifts HMA)

This treatment is the complete milling and removal of all asphalt material without recycling, and replacing it with two lifts (typically 50mm each) of Hot Mix Asphalt, where the second lift is usually a finer grade of Hot Mix.

HMA-FDARR & 3Ovly

Full depth asphalt removal and replacement (Three Lifts HMA)

This treatment is the complete milling and removal of all asphalt material without recycling, and replacing it with three lifts (typically 50mm each) of Hot Mix Asphalt, where the final lift is usually a finer grade of Hot Mix.

HMA-Recon 90HMA**Full Depth Reconstruction (350 Gran B, 150 Gran A, 90 HMA)**

Full Depth Reconstruction is the excavation and removal of all road materials down to the sub-base or soil, and then reconstructing it with new materials including 350mm of Granular B, 150mm of Granular A and 90mm of Hot Mix Asphalt, typically made up of 2 lifts where the second lift is a finer grade of Hot Mix. This expensive treatment is used as a last resort where a pavement has completely failed and none of the other treatments are determined to provide an adequate solution.

HMA-Recon 140HMA**Full Depth Reconstruction (350 Gran B, 150 Gran A, 140 HMA)**

Full Depth Reconstruction is the excavation and removal of all road materials down to the sub-base or soil, and then reconstructing it with new materials including 350mm of Granular B, 150mm of Granular A and 140mm of Hot Mix Asphalt, typically made up of 2 or 3 lifts where the final lift is a finer grade of Hot Mix. This expensive treatment is used as a last resort where a pavement has completely failed and none of the other treatments are determined to provide an adequate solution.

ST (Surface Treated Roads)

ST-Slurry

Slurry Seal

Slurry Seal is mixture of slow setting emulsified asphalt, well graded fine aggregate, mineral filler and water. This treatment is used to fill cracks and seal areas of old pavement, to restore a uniform surface texture, to seal the surface to prevent moisture and air intrusion into the pavement, and to improve skid resistance.

ST-SST

Single Surface Treatment (Chip Seal)

Single Surface Treatment (Chip Seal) is a common type of pavement surfacing construction which involves an application of asphalt binder material (bitumen emulsion) and mineral aggregate (gravel). The emulsion is applied by a pressure distributor, followed immediately by an application of mineral aggregate, and finished by rolling.

ST-DST

Double Surface Treatment (Chip Seal)

The process for Single Surface Treatment (Chip Seal) is repeated for the second application of emulsion and mineral aggregate (gravel). The first application of aggregate is coarser than the aggregate used in the second application and usually determines the pavement thickness.

ST-DST SAMI

Double Surface Treatment (Chip Seal) & SAMI

In addition to the Double Surface Treatment, the Stress Absorbing Membrane Interlayer (SAMI) is a geo textile mat that is laid between the surface treatments to strengthen the structure of the road.

ST-EnhSurf

Enhanced Thin Surfacing (Microsurfacing, Thin HMA Overlay)

Microsurfacing is an application of a mixture of polymer-modified asphalt emulsion, mineral aggregate, mineral filler, water, and other additives, properly proportioned, mixed, and spread on a paved surface. Unlike slurry seal, Microsurfacing can be used on high volume roadways to correct wheel path rutting and provide a skid resistant pavement surface.

ST-Enh2Surf

Enhanced Double Thin Surfacing (Double Microsurfacing, Cape Seal)

Double Microsurfacing is an application where the process of Microsurfacing is repeated for a second application.

Cape Seal is an application of a Chip Seal followed by the application of Slurry Seal or Microsurfacing at a later date.

ST-Ovly

Mill and One Lift Overlay

50mm HMA Overlay with or without milling

ST-FDR & DST

Full Depth Reclamation (FDR) + Double Surface Treatment

Full Depth Reclamation (FDR) plus a recycle agent and other additives plus a second application of emulsion and mineral aggregate (gravel)

ST-FDR & DST & SAMI

Full Depth Reclamation (FDR) + Double Surface Treatment + SAMI

Full Depth Reclamation (FDR) plus a recycle agent and other additives plus a second application of emulsion and mineral aggregate (gravel), and SAMI

ST-FDR & Ovly

Full Depth Reclamation (FDR) + One lift Overlay

Full Depth Reclamation (FDR) is a process where the full pavement section and a pre-determined portion of the underlying materials are uniformly crushed or pulverized. In this treatment this recycled material is then stabilized by mixing it with a recycling agent and other chemical additives. The recycling agent is commonly asphalt-based emulsion or cold-foamed asphalt, or an emulsified engineered recycling agent. The mixture is then spread and compacted to produce a base layer. A single lift (typically 50mm) of Hot Mix Asphalt is applied as a surface material.

ST-FDR & 2Ovly

Full Depth Reclamation (FDR) + Two Lift Overlay

Full Depth Reclamation (FDR) is a process where the full pavement section and a pre-determined portion of the underlying materials are uniformly crushed or pulverized. In this treatment this recycled material is then stabilized by mixing it with a recycling agent and other chemical additives. The recycling agent is commonly asphalt-based emulsion or cold-foamed asphalt, or an emulsified engineered recycling agent. The mixture is then spread and compacted to produce a base layer. Two lifts (typically 50mm each) of Hot Mix Asphalt are applied as a surface material, where the second lift is usually a finer grade of Hot Mix.

ST-FDR & EAS & DST

FDR with Emulsion/Expanded Asphalt Stabilization + Double Surface Treatment

Full Depth Reclamation (FDR) plus a recycle agent and other additives plus a second application of emulsion and mineral aggregate (gravel)

ST-Recon & Ovly

Full Depth Reconstruction (350 Gran B, 150 Gran A, 90 HMA)

Full Depth Reconstruction is the excavation and removal of all road materials down to the sub-base or soil, and then reconstructing it with new materials including 350mm of Granular B, 150mm of Granular A and 90mm of Hot Mix Asphalt, typically made up of 2 lifts where the second lift is a finer grade of Hot Mix. This expensive treatment is used as a last resort where a pavement has completely failed and none of the other treatments are determined to provide an adequate solution.

ST-Recon & 2 Ovly

Full Depth Reconstruction (350 Gran B, 150 Gran A, 140 HMA)

Full Depth Reconstruction is the excavation and removal of all road materials down to the sub-base or soil, and then reconstructing it with new materials including 350mm of Granular B, 150mm of Granular A and 140mm of Hot Mix Asphalt, typically made up of 2 or 3 lifts where the final lift is a finer grade of Hot Mix. This expensive treatment is used as a last resort where a pavement has completely failed and none of the other treatments are determined to provide an adequate solution.

APPENDIX G

**Scenario 1 (Paved Roads) - Long
Term Financial Plan**

Scenario Summary

Scenario

Name:	RNS Sc1.2 Paved - LTFP
Description:	Scenario 1 (Paved Roads) - Long Term Financial Plan
Year:	2023

Optimization Settings

Optimization Mode	Standard
Planning Horizon (Years)	10
Include Priorities	Yes
Asset Replacement Value	No
Intervention Coordination	No
Discount Rate	0.00%
Rollover	No
Estimate Current Condition	False
Operational Efficiency	Yes
Condition Variation	10.0%
Project Size Limit	2000

Optimization Objective

Type	Min/Max	Weight (Sum = 1)	Performance Attribute
Maximize Network Performance (Recommended)	Max	1	NA

LOS Constraints

Acceptable Performance					
Name	Perf. Class	Perf. Attribute	Constraint	Violation	Penalty
Major Arterial PCI > 55 Soft	PC4-Major Arterial	PCI	0.0% >= 55	Soft	Extreme
Collector PCI > 50 Soft	PC2-Collector	PCI	>= 50	Soft	Extreme
Minor Arterial PC > 55	PC3-Minor Arterial	PCI	>= 55	Soft	Extreme

Criticality Settings

Functional Class	10
Collector	35
Freeway	0
Local	2
Major Arterial	100
Minor Arterial	70
Minimum Maintenance Standards	6
1	0
2	100
3	65
4	35
5	15
6	0
Roadside Environment	1
Rural	40

Semi-Urban	50
Urban	60
Service Type	0
Commercial	60
Industrial	100
Residential	30
Surface Type	2
Composite	0
Concrete	0
Earth	0
Gravel	30
Hot Mix Asphalt	100
Surface Treated	60
Brick	0
Paver Interlock	0
AADT	5
less than 20	0
20 - 50	10
50 - 100	20
100 - 250	30
250 - 500	45
500 - 1000	60
1000 - 2500	75
2500 - 5000	90
5000 and over	100

Budget Values - RNS Sc1.2 Paved - LTFP

Year	Total Capital Budget	Total Routine Maintenance
2023	6,679,000	300,000
2024	7,370,000	315,000
2025	6,953,000	330,750
2026	7,304,000	347,287
2027	7,671,000	364,651
2028	8,054,350	382,884
2029	8,457,067	402,028
2030	8,879,920	422,130
2031	8,879,920	443,236
2032	8,879,920	465,398

Optimization Result

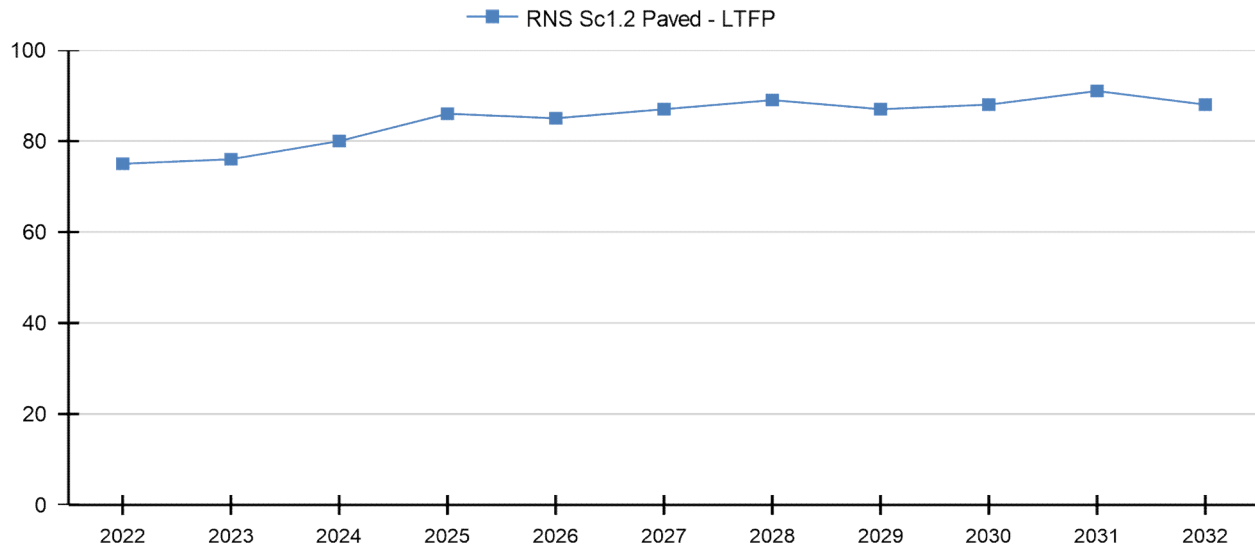
Scenario Summary

Scenario	
Name:	RNS Sc1.2 Paved - LTFP
Description:	Sceanrio 1 (Paved Roads) - Long Term Financial Plan
Year:	2023

Optimization Settings

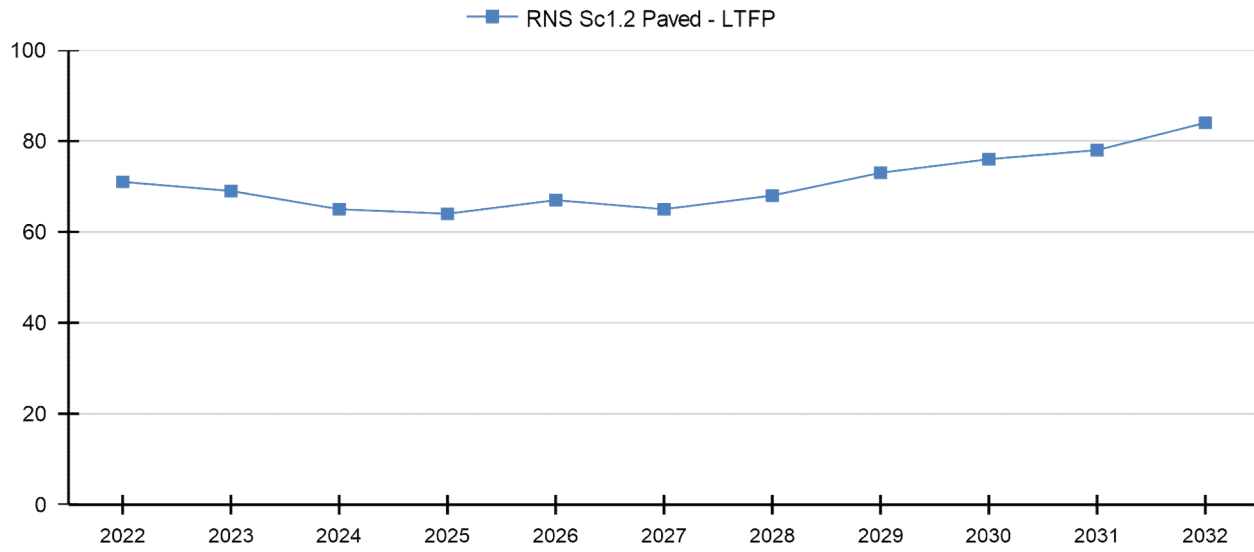
Optimization Mode	Standard
Planning Horizon (Years)	10
Include Priorities	Yes
Asset Replacement Value	No
Estimate Current Condition	False
Operational Efficiency	Yes

HMA PCI Projection



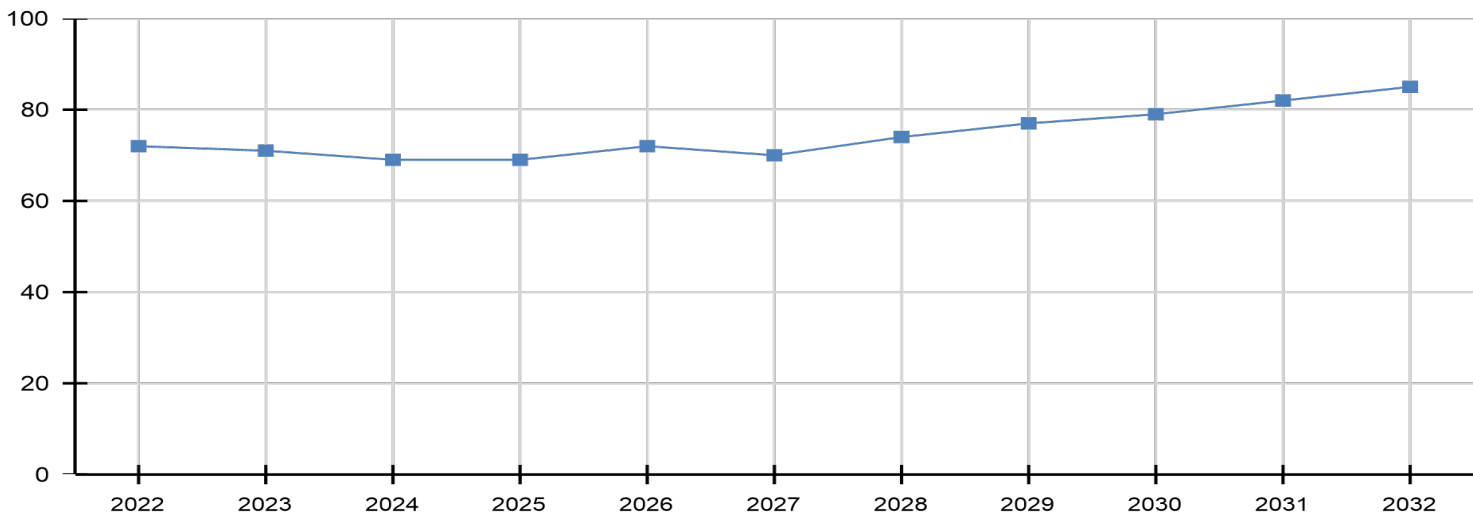
Year	Sc1.2 Paved - LTFP
2022	75
2023	76
2024	80
2025	86
2026	85
2027	87
2028	89
2029	87
2030	88
2031	91
2032	88

ST PCI Projection



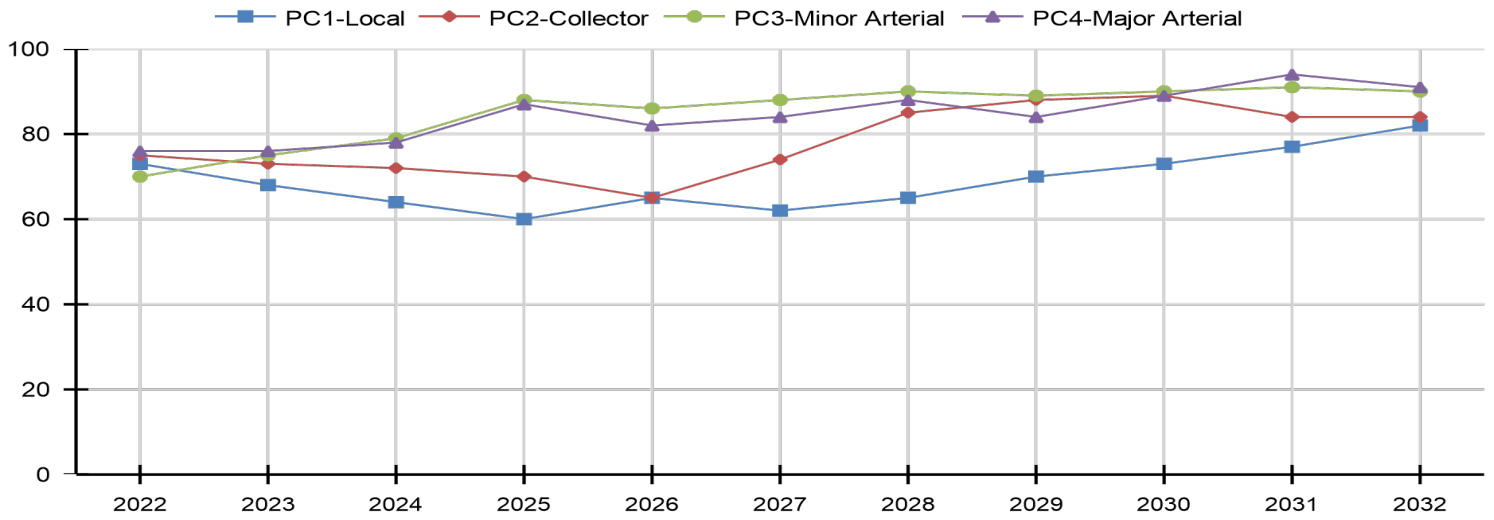
Year	Sc1.2 Paved - LTFP
2022	71
2023	69
2024	65
2025	64
2026	67
2027	65
2028	68
2029	73
2030	76
2031	78
2032	84

Network Condition



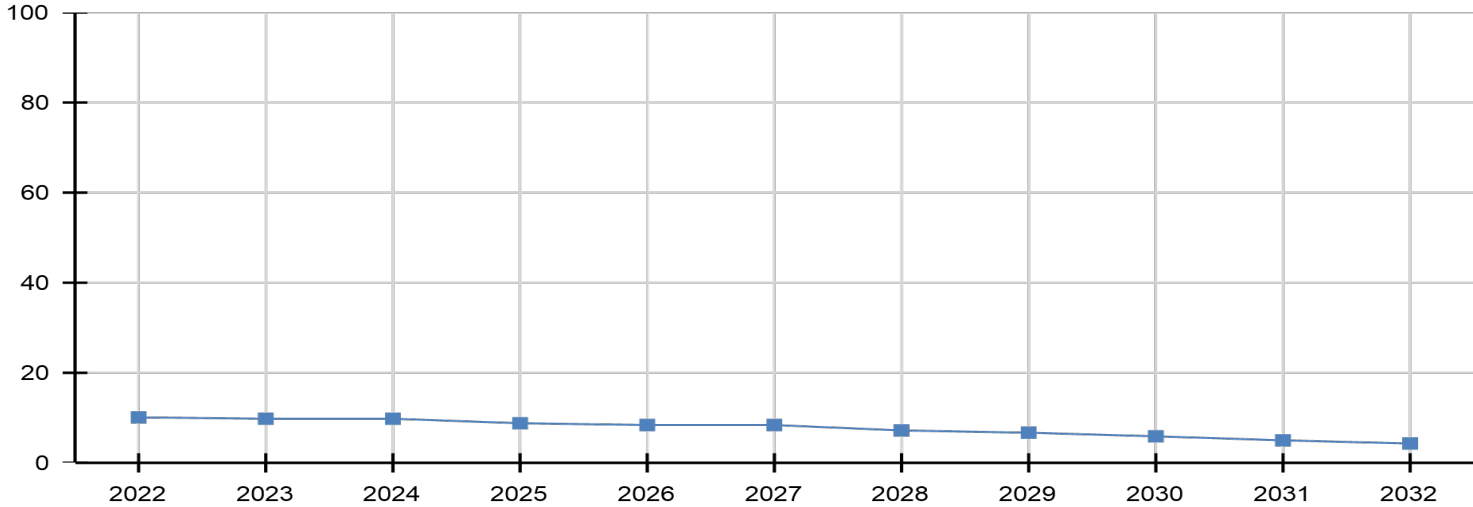
Year	Condition
2022	72
2023	71
2024	69
2025	69
2026	72
2027	70
2028	74
2029	77
2030	79
2031	82
2032	85

Network Condition by Performance Class



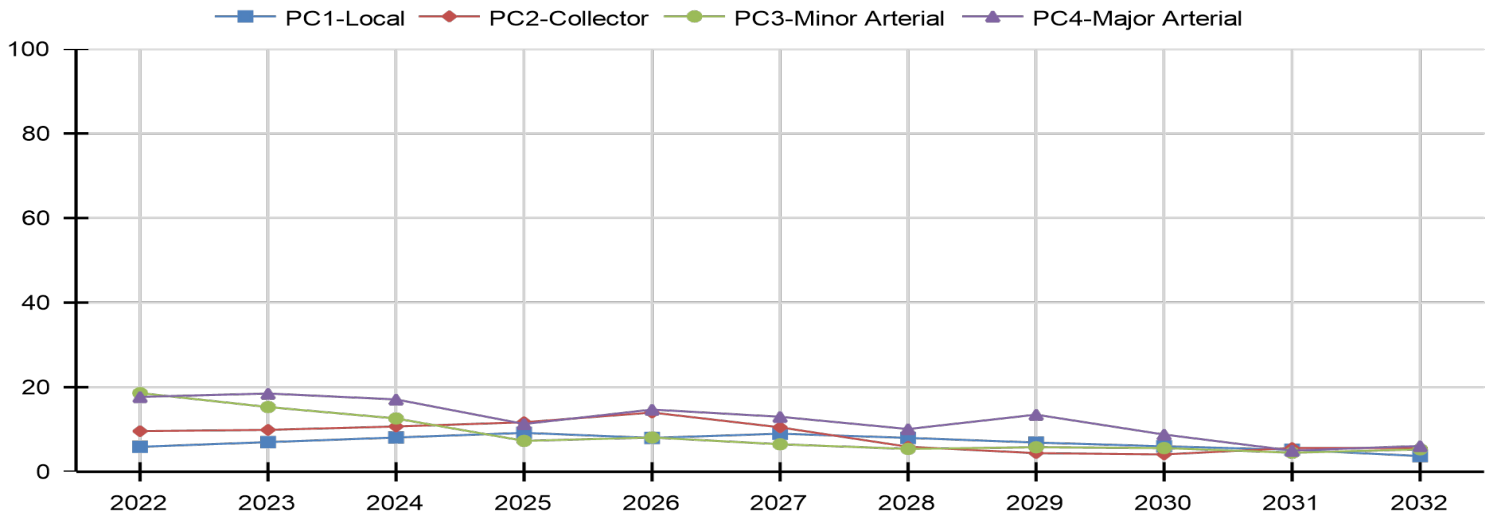
Year	PC1-Local	PC2-Collector	PC3-Minor Arterial	PC4-Major Arterial
2022	73	75	70	76
2023	68	73	75	76
2024	64	72	79	78
2025	60	70	88	87
2026	65	65	86	82
2027	62	74	88	84
2028	65	85	90	88
2029	70	88	89	84
2030	73	89	90	89
2031	77	84	91	94
2032	82	84	90	91

Network Risk Index



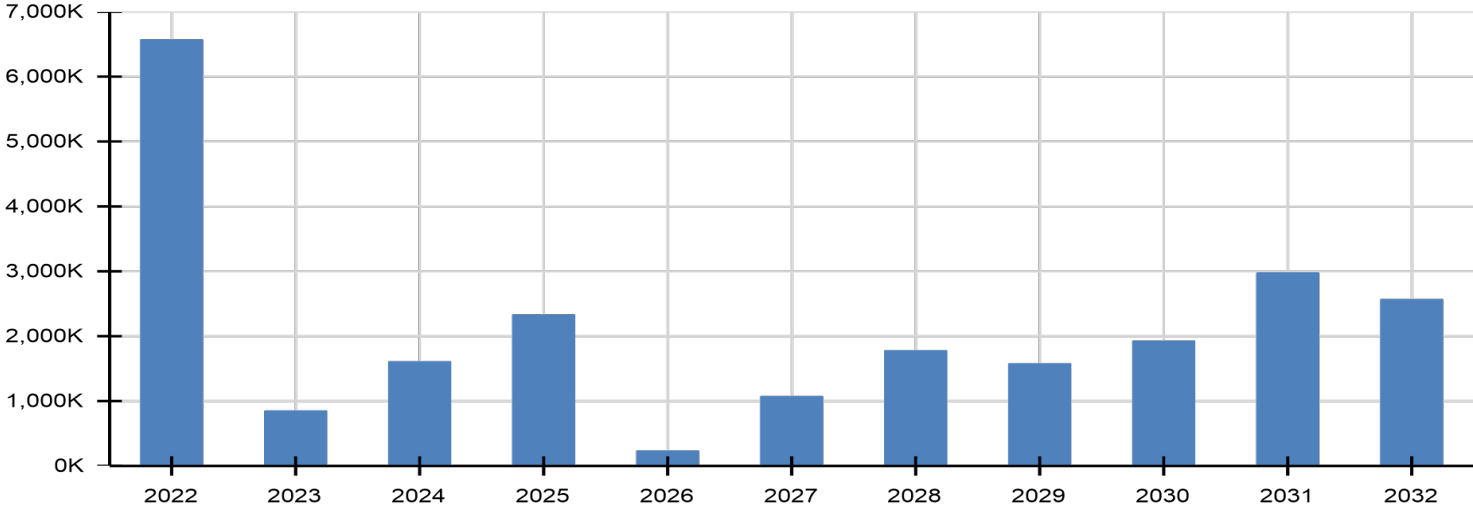
Year	Value
2022	10
2023	10
2024	10
2025	9
2026	8
2027	8
2028	7
2029	7
2030	6
2031	5
2032	4

Network Risk Index by Performance Class



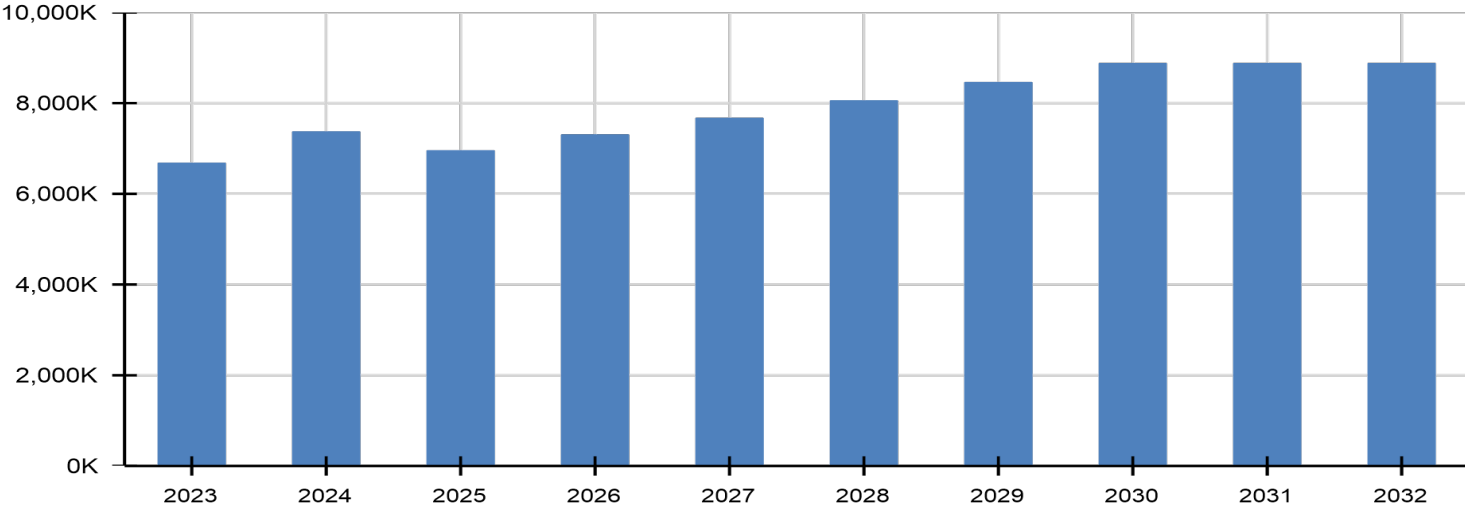
Year	PC1-Local	PC2-Collector	PC3-Minor Arterial	PC4-Major Arterial
2022	6	10	19	18
2023	7	10	15	19
2024	8	11	13	17
2025	9	12	7	11
2026	8	14	8	15
2027	9	11	7	13
2028	8	6	5	10
2029	7	4	6	14
2030	6	4	6	9
2031	5	6	5	5
2032	4	6	5	6

Deficit Projection



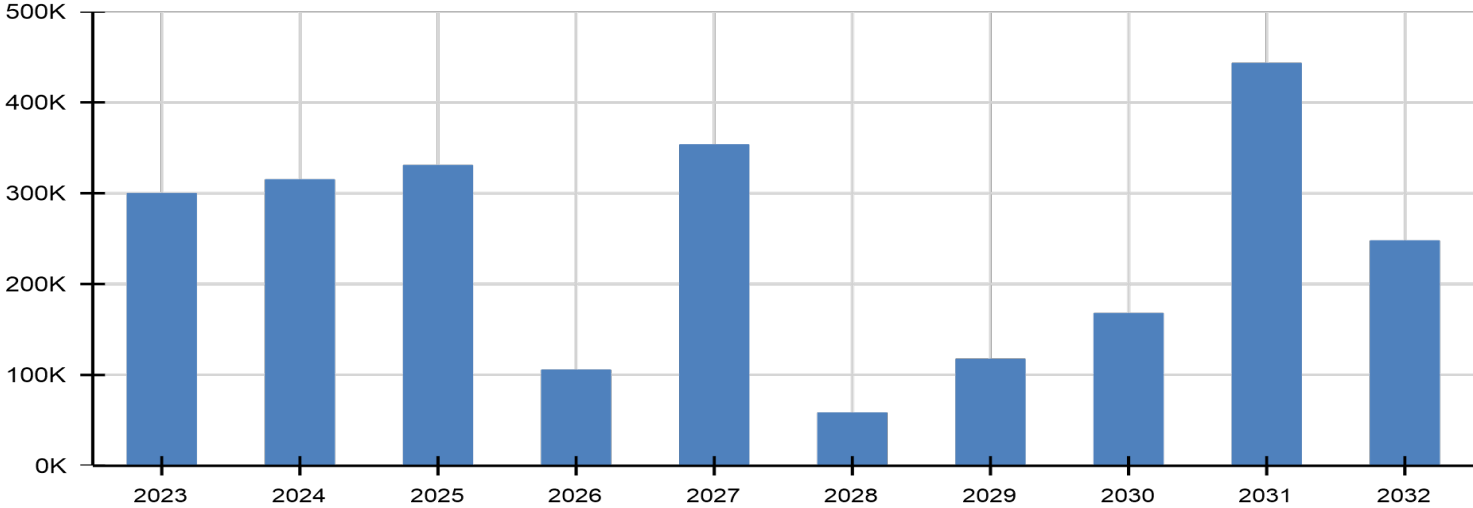
Year	Value
2022	\$6,568,110
2023	\$849,517
2024	\$1,608,042
2025	\$2,330,334
2026	\$233,249
2027	\$1,072,135
2028	\$1,777,558
2029	\$1,577,192
2030	\$1,925,933
2031	\$2,977,888
2032	\$2,568,193

Capital Expenditure



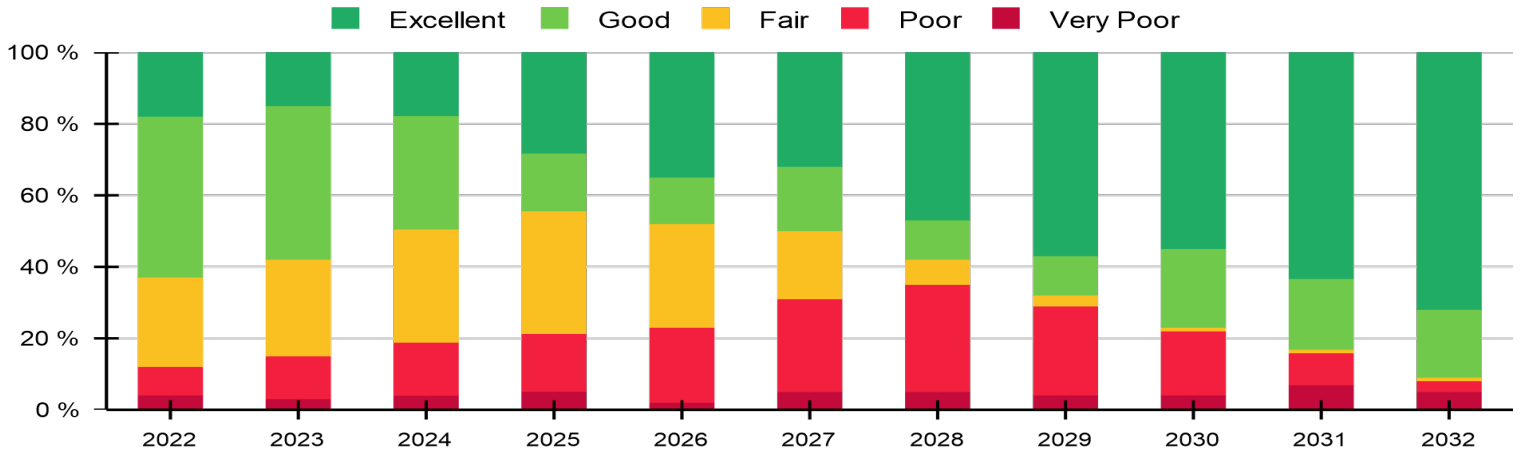
Year	Value
2023	\$6,678,278
2024	\$7,369,683
2025	\$6,951,541
2026	\$7,303,502
2027	\$7,669,649
2028	\$8,052,993
2029	\$8,456,914
2030	\$8,878,932
2031	\$8,878,283
2032	\$8,879,496

Maintenance Expenditure



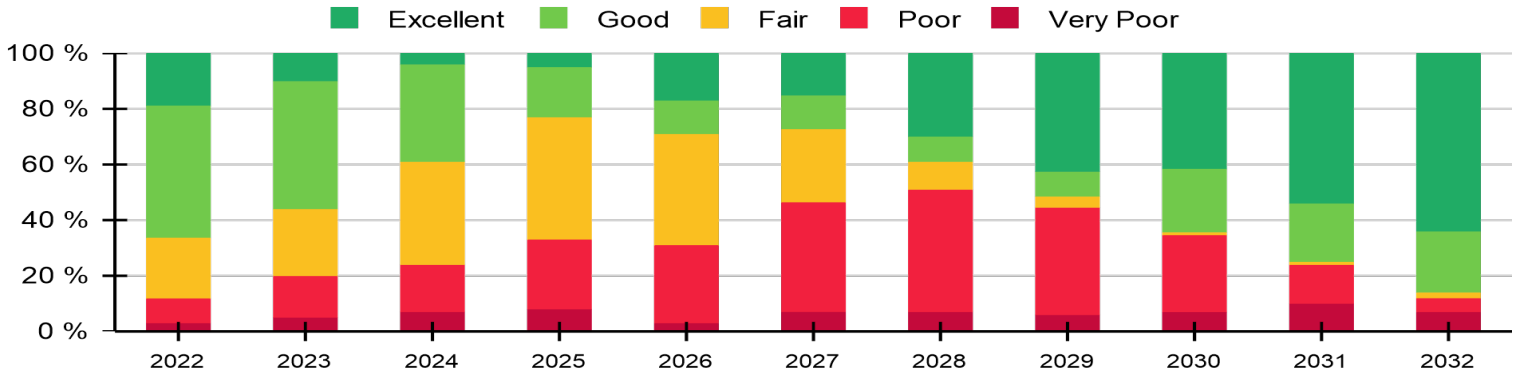
Year	Value
2023	\$299,935
2024	\$314,992
2025	\$330,733
2026	\$105,454
2027	\$353,451
2028	\$58,337
2029	\$117,499
2030	\$167,757
2031	\$443,148
2032	\$247,648

Network Condition Distribution



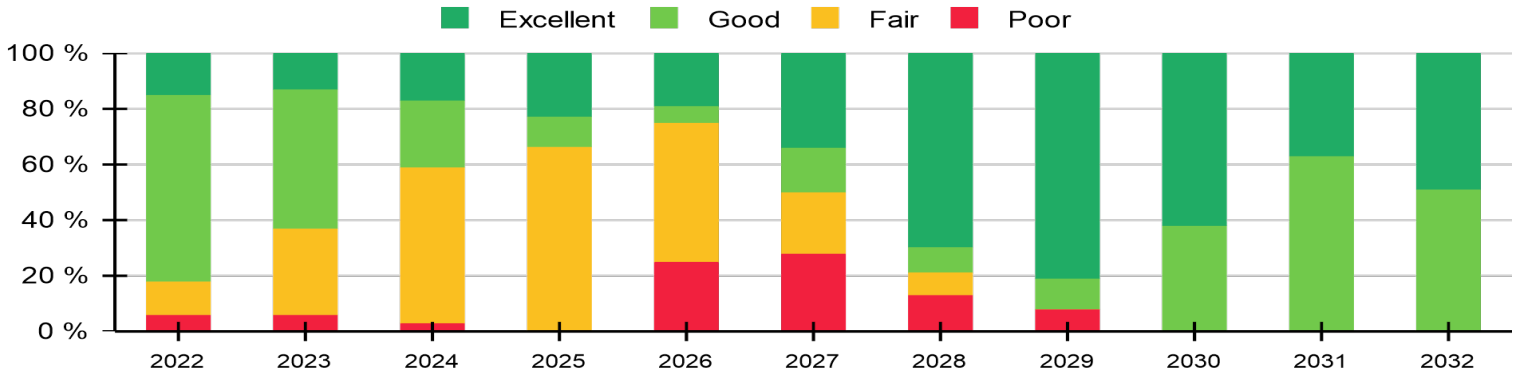
Year	Excellent	Good	Fair	Poor	Very Poor
2022	18%	45%	25%	8%	4%
2023	15%	43%	27%	12%	3%
2024	18%	32%	32%	15%	4%
2025	28%	16%	34%	16%	5%
2026	35%	13%	29%	21%	2%
2027	32%	18%	19%	26%	5%
2028	47%	11%	7%	30%	5%
2029	57%	11%	3%	25%	4%
2030	55%	22%	1%	18%	4%
2031	64%	20%	1%	9%	7%
2032	72%	19%	1%	3%	5%

PC1-Local Condition Distribution



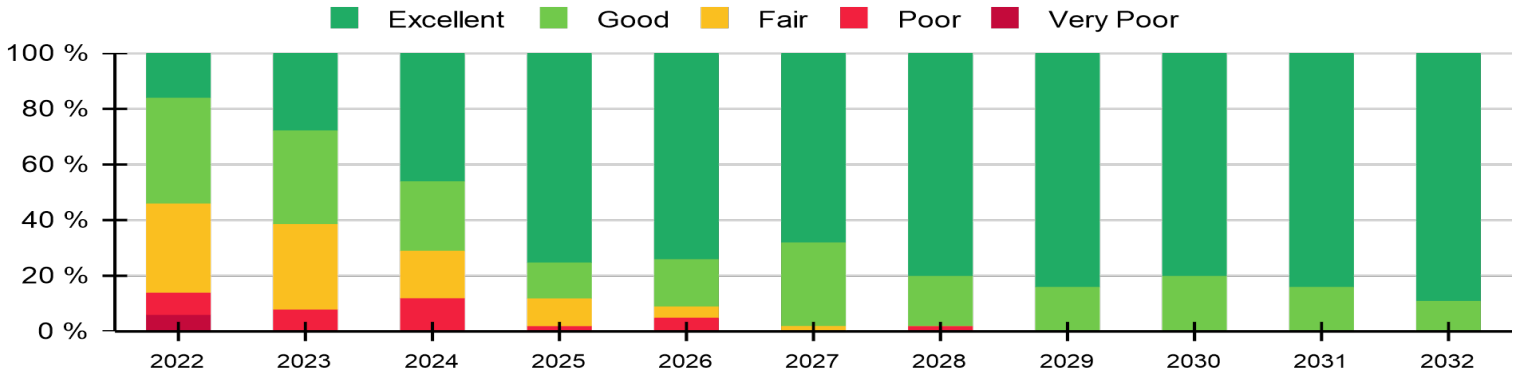
Year	Excellent	Good	Fair	Poor	Very Poor
2022	19%	48%	22%	9%	3%
2023	10%	46%	24%	15%	5%
2024	4%	35%	37%	17%	7%
2025	5%	18%	44%	25%	8%
2026	17%	12%	40%	28%	3%
2027	15%	12%	26%	39%	7%
2028	30%	9%	10%	44%	7%
2029	43%	9%	4%	39%	6%
2030	42%	23%	1%	28%	7%
2031	54%	21%	1%	14%	10%
2032	64%	22%	2%	5%	7%

PC2-Collector Condition Distribution



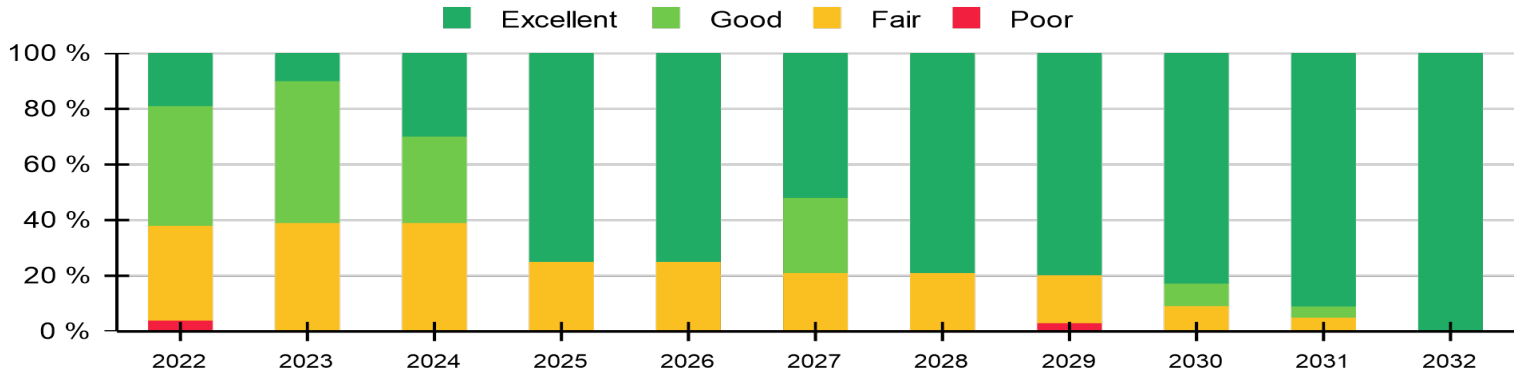
Year	Excellent	Good	Fair	Poor
2022	15%	67%	12%	6%
2023	13%	50%	31%	6%
2024	17%	24%	56%	3%
2025	23%	11%	67%	0%
2026	19%	6%	50%	25%
2027	34%	16%	22%	28%
2028	69%	9%	8%	13%
2029	81%	11%	0%	8%
2030	62%	38%	0%	0%
2031	37%	63%	0%	0%
2032	49%	51%	0%	0%

PC3-Minor Arterial Condition Distribution



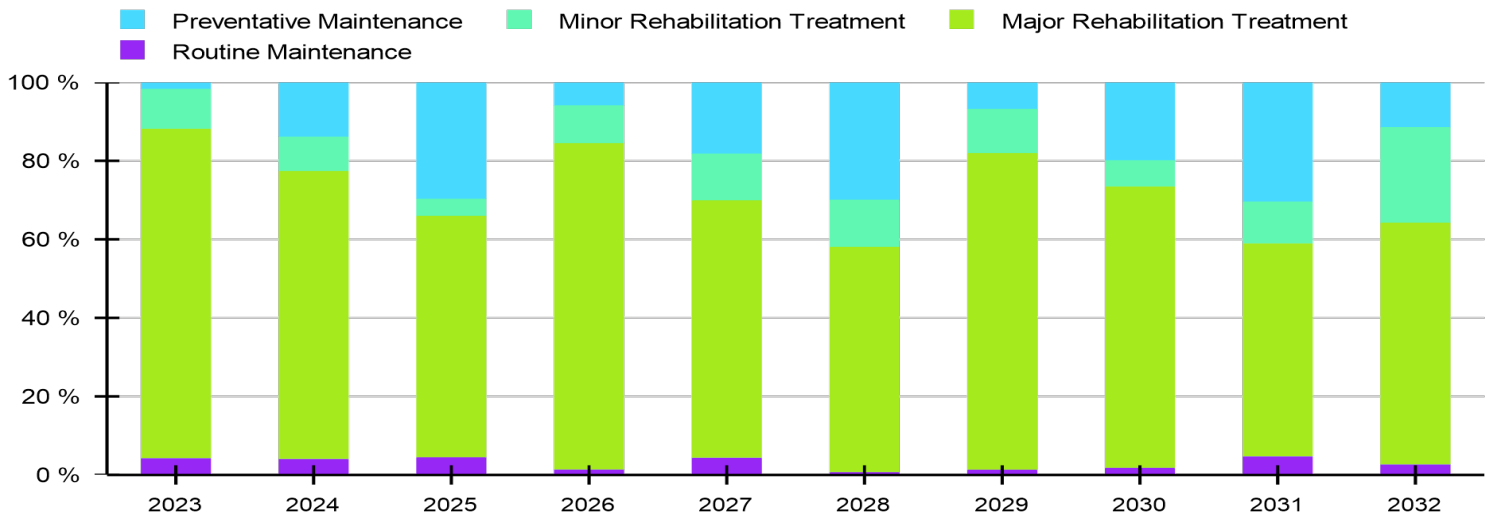
Year	Excellent	Good	Fair	Poor	Very Poor
2022	16%	38%	32%	8%	6%
2023	28%	34%	31%	8%	0%
2024	46%	25%	17%	12%	0%
2025	76%	13%	10%	2%	0%
2026	74%	17%	4%	5%	0%
2027	68%	30%	2%	0%	0%
2028	80%	18%	0%	2%	0%
2029	84%	16%	0%	0%	0%
2030	80%	20%	0%	0%	0%
2031	84%	16%	0%	0%	0%
2032	89%	11%	0%	0%	0%

PC4-Major Arterial Condition Distribution



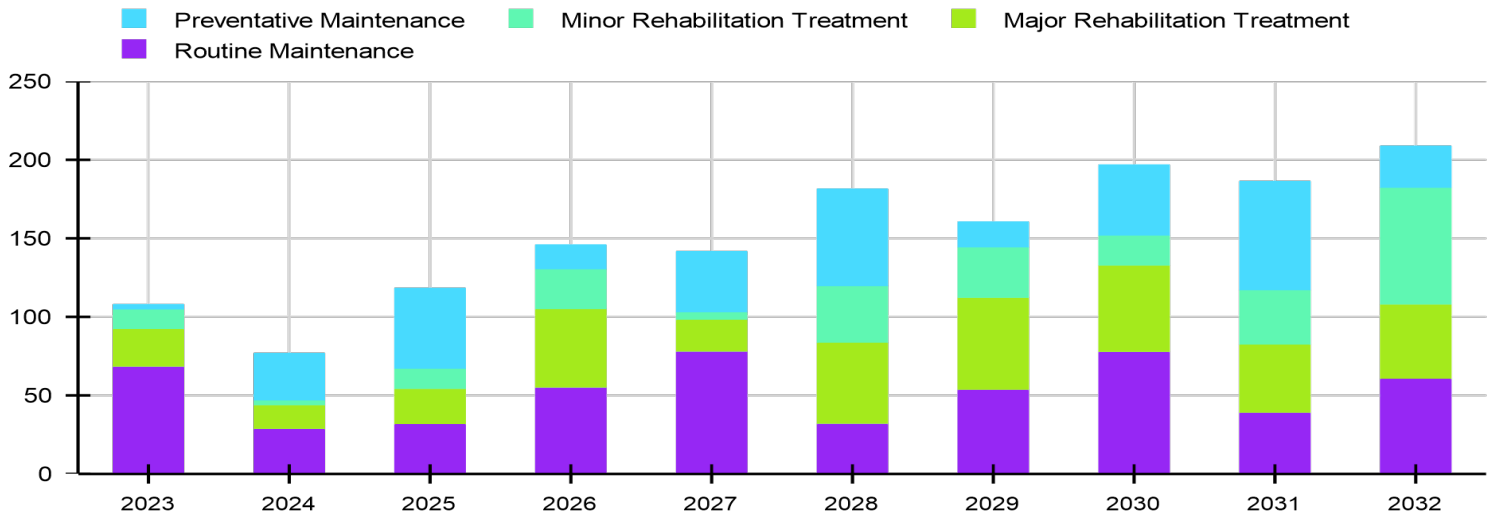
Year	Excellent	Good	Fair	Poor
2022	19%	43%	34%	4%
2023	10%	51%	39%	0%
2024	30%	31%	39%	0%
2025	75%	0%	25%	0%
2026	75%	0%	25%	0%
2027	52%	27%	21%	0%
2028	79%	0%	21%	0%
2029	79%	0%	17%	3%
2030	82%	8%	9%	0%
2031	91%	4%	5%	0%
2032	100%	0%	0%	0%

Capital Expenditure by Treatment Type



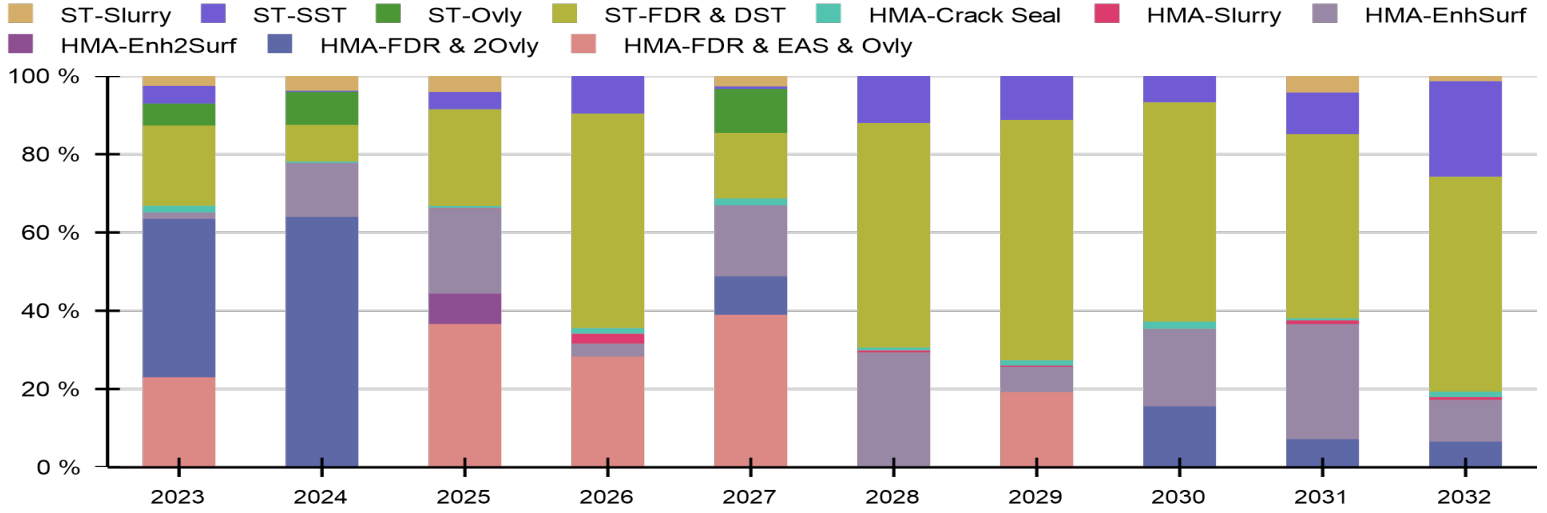
Year	Preventative Maintenance	Minor Rehabilitation	Major Rehabilitation	Routine Maintenance	Total
2023	\$114,957	\$706,940	\$5,856,381	\$299,935	\$6,978,213
2024	\$1,061,130	\$670,856	\$5,637,697	\$314,992	\$7,684,675
2025	\$2,156,430	\$320,740	\$4,474,371	\$330,733	\$7,282,274
2026	\$435,503	\$709,707	\$6,158,292	\$105,454	\$7,408,956
2027	\$1,452,054	\$958,856	\$5,258,739	\$353,451	\$8,023,100
2028	\$2,424,771	\$971,653	\$4,656,569	\$58,337	\$8,111,330
2029	\$578,828	\$964,735	\$6,913,351	\$117,499	\$8,574,413
2030	\$1,791,453	\$606,638	\$6,480,841	\$167,757	\$9,046,689
2031	\$2,830,831	\$990,971	\$5,056,481	\$443,148	\$9,321,431
2032	\$1,039,699	\$2,224,470	\$5,615,327	\$247,648	\$9,127,144
Total	\$13,885,656	\$9,125,566	\$56,108,049	\$2,438,954	\$81,558,225

Project Size by Treatment Type (Km)



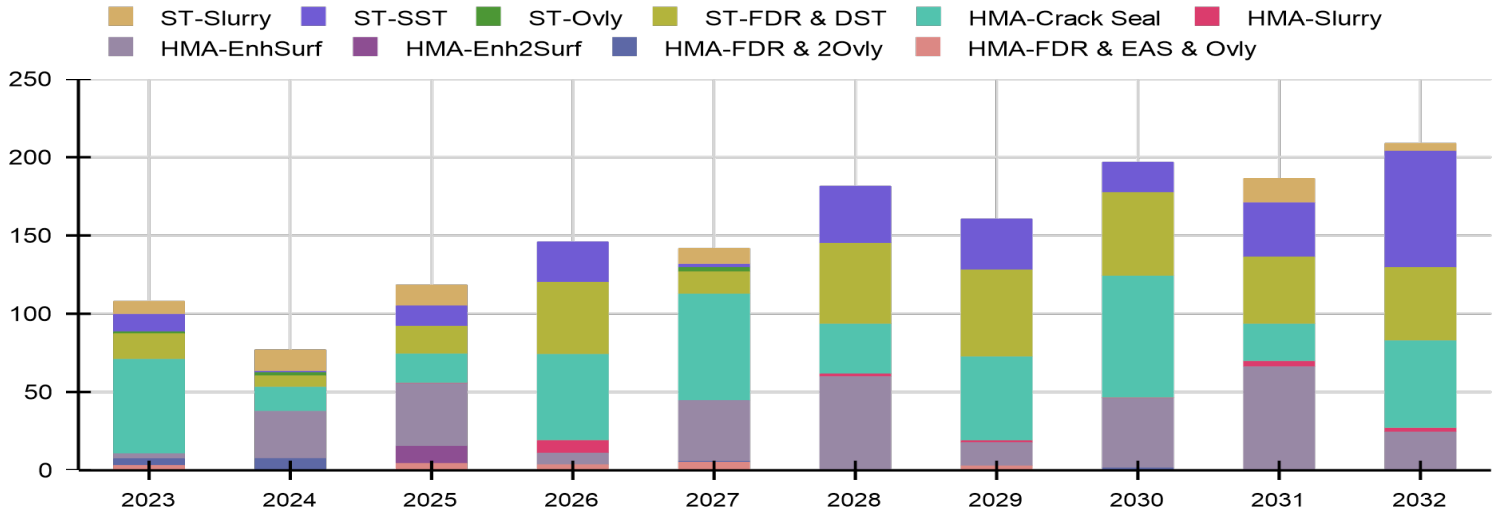
Year	Preventative Maintenance	Minor Rehabilitation	Major Rehabilitation	Routine Maintenance	Total
2023	3.15	12.50	24.00	68.32	107.97
2024	30.10	2.95	15.15	28.68	76.88
2025	51.25	12.90	22.45	31.75	118.35
2026	15.45	25.43	49.95	55.04	145.87
2027	38.80	4.80	20.24	77.90	141.74
2028	61.80	36.10	51.60	31.94	181.44
2029	16.13	32.13	58.65	53.59	160.50
2030	44.95	19.00	55.05	77.75	196.75
2031	69.30	34.70	43.38	39.02	186.40
2032	26.54	74.33	47.40	60.60	208.87
Total	357.47	254.84	387.87	524.59	1,524.77

Capital Expenditure by Treatment Method



Treatment	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total
ST-Slurry	\$177,730	\$287,889	\$296,264	\$0	\$210,262	\$0	\$0	\$0	\$391,955	\$121,915	\$1,486,015
ST-SST	\$311,712	\$19,643	\$320,740	\$709,707	\$53,879	\$971,653	\$964,735	\$606,638	\$990,971	\$2,224,470	\$7,174,148
ST-Ovly	\$395,228	\$651,213	\$0	\$0	\$904,976	\$0	\$0	\$0	\$0	\$0	\$1,951,417
ST-FDR & DST	\$1,428,000	\$719,541	\$1,803,183	\$4,061,058	\$1,339,747	\$4,656,569	\$5,262,221	\$5,068,188	\$4,386,193	\$5,013,285	\$33,737,985
HMA-Crack Seal	\$122,205	\$27,102	\$34,468	\$105,454	\$143,188	\$58,337	\$117,499	\$167,757	\$51,193	\$125,733	\$952,936
HMA-Slurry	\$1,125	\$0	\$8,357	\$188,668	\$0	\$40,657	\$29,510	\$9,227	\$87,421	\$65,149	\$430,114
HMA-EnhSurf	\$113,832	\$1,061,130	\$1,584,967	\$246,835	\$1,452,054	\$2,384,114	\$549,319	\$1,782,226	\$2,743,410	\$974,549	\$12,892,436
HMA-Enh2Surf	\$0	\$0	\$563,106	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$563,106
HMA-FDR & 2Ovly	\$2,820,338	\$4,918,156	\$0	\$0	\$788,844	\$0	\$0	\$1,412,652	\$670,288	\$602,042	\$11,212,320
HMA-FDR & EAS & Ovly	\$1,608,042	\$0	\$2,671,188	\$2,097,234	\$3,130,149	\$0	\$1,651,130	\$0	\$0	\$0	\$11,157,743
Total	\$6,978,212	\$7,684,674	\$7,282,273	\$7,408,956	\$8,023,099	\$8,111,330	\$8,574,414	\$9,046,688	\$9,321,431	\$9,127,143	\$81,558,220

Project Size by Treatment Method (Km)



Treatment	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total
ST-Slurry	7.97	13.25	13.05	0.00	9.80	0.00	0.00	0.00	15.20	4.75	64.02
ST-SST	11.20	0.85	12.90	25.43	2.05	36.10	32.13	19.00	34.70	74.33	248.69
ST-Ovly	1.30	2.10	0.00	0.00	2.75	0.00	0.00	0.00	0.00	0.00	6.15
ST-FDR & DST	16.30	7.25	17.70	46.05	14.25	51.60	55.55	53.35	42.72	46.70	351.47
HMA-Crack Seal	60.35	15.43	18.70	55.04	68.10	31.94	53.59	77.75	23.82	55.85	460.57
HMA-Slurry	0.05	0.00	0.30	8.10	0.00	1.65	1.28	0.30	3.50	2.50	17.68
HMA-EnhSurf	3.10	30.10	40.05	7.35	38.80	60.15	14.85	44.65	65.80	24.04	328.89
HMA-Enh2Surf	0.00	0.00	10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.90
HMA-FDR & 2Ovly	4.30	7.90	0.00	0.00	0.64	0.00	0.00	1.70	0.66	0.70	15.90
HMA-FDR & EAS & Ovly	3.40	0.00	4.75	3.90	5.35	0.00	3.10	0.00	0.00	0.00	20.50
Total	107.97	76.88	118.35	145.87	141.74	181.44	160.50	196.75	186.40	208.87	1,524.77

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
40615	Bradshaw Road	Road 38	Bob's Lake Road	Hot Mix Asphalt	900	2023	77.69	29	5.3	Routine Maintenance	HMA-Crack Seal	\$1,575.00
45220	Railton Road	Murvale Road	Stage Coach Road	Surface Treated	1800	2023	83.21	39.4	5.5	Routine Maintenance	ST-Slurry	\$44,100.00
58820	Yarker Road 4	Camden Portland Boundary Road	Wilton Road 18	Hot Mix Asphalt	3750	2023	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$9,375.00
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2023	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$350.00
50625	Battersea Road	Burnt Hills Road	1.70km North of Burnt Hills Road	Surface Treated	1700	2023	34.75	49	36.8	Major Rehabilitation Treatment	ST-FDR & DST	\$145,656.00
53185	Desert Lake Road	1.90km West of Bedford Road	1.70km West of Bedford Road	Surface Treated	200	2023	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$4,896.00
58750	Wilton Road 18	0.37km West of Road 38	0.12km West of Road 38	Hot Mix Asphalt	250	2023	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$531.25
51920	Bellrock Road	Bellrock Mill Street	Long Swamp Road	Hot Mix Asphalt	2100	2023	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$5,250.00
54795	Perth Road 10	0.85km North of McComish Lane	6.00km North of McComish Lane	Hot Mix Asphalt	5150	2023	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$9,012.50
58775	Wilton Road 18	0.12km West of Road 38	Road 38	Hot Mix Asphalt	120	2023	82.6	87.5	12.6	Routine Maintenance	HMA-Crack Seal	\$330.00
52840	Desert Lake Road	Bauder Drive	Deyos Road	Surface Treated	2200	2023	80.03	49	8.1	Minor Rehabilitation Treatment	ST-SST	\$62,832.00
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Hot Mix Asphalt	850	2023	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$1,445.00
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2023	78.32	87.5	15.8	Routine Maintenance	HMA-Crack Seal	\$753.75
56290	Rutledge Road	Wheatley Street	Storm Haven Lane	Hot Mix Asphalt	1100	2023	78.32	89.6	16.1	Routine Maintenance	HMA-Crack Seal	\$2,860.00
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Hot Mix Asphalt	300	2023	79.83	60.4	10.1	Routine Maintenance	HMA-Crack Seal	\$600.00
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2023	87.76	76.2	7.7	Routine Maintenance	HMA-Crack Seal	\$2,450.00
53300	Desert Lake Road	1.70km West of Bedford Road	Bedford Road	Surface Treated	1700	2023	70.1	45.8	11.4	Minor Rehabilitation Treatment	ST-SST	\$48,552.00
45265	Railton Road	Sydenham Road	0.05km East of Sydenham Road	Hot Mix Asphalt	50	2023	84.78	45.8	5.8	Preventative Maintenance	HMA-Slurry	\$1,124.55
53645	Perth Road 10	Spooner Road	Moreland Dixon Road	Hot Mix Asphalt	5400	2023	75.1	85	17.6	Routine Maintenance	HMA-Crack Seal	\$12,150.00
52610	Desert Lake Road	0.15km West of High Falls Road	0.15km East of High Falls Road	Surface Treated	300	2023	85.04	52.1	6.4	Minor Rehabilitation Treatment	ST-SST	\$8,568.00
57325	Sydenham Road	Horning Road	2.00km North of Horning Road	Hot Mix Asphalt	2000	2023	82.88	85	12.1	Routine Maintenance	HMA-Crack Seal	\$4,500.00
43975	Loughborough Portland Road	Harrowsmith Road	Alton Road	Surface Treated	1400	2023	38.94	45.6	31.2	Major Rehabilitation Treatment	ST-FDR & DST	\$119,952.00
45100	Point Road	Wheatley Street	East End of Road	Hot Mix Asphalt	250	2023	77.03	21.7	4.1	Routine Maintenance	HMA-Crack Seal	\$650.00
43495	Kingston Road	Road 38	Harrowsmith Road	Hot Mix Asphalt	300	2023	78.41	27.9	5	Routine Maintenance	HMA-Crack Seal	\$525.00
42445	George Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2023	87.76	76.9	7.8	Routine Maintenance	HMA-Crack Seal	\$292.50
52495	Desert Lake Road	Road 38	0.15km West of High Falls Road	Surface Treated	2950	2023	34.75	52.1	39.1	Major Rehabilitation Treatment	ST-FDR & DST	\$252,756.00
50750	Battersea Road	2.30km North of Burnt Hills Road	4.50km North of Burnt Hills Road	Surface Treated	2200	2023	24.36	49	40.4	Major Rehabilitation Treatment	ST-FDR & DST	\$219,912.00
50250	Battersea Road	Sunbury Road	Larry York Road	Hot Mix Asphalt	5200	2023	83.77	74.2	10	Routine Maintenance	HMA-Crack Seal	\$8,710.00
42685	Greenfield Road	Perth Road 10	0.77km East of Perth Road 10	Surface Treated	770	2023	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$16,170.00
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorne Road	Hot Mix Asphalt	1200	2023	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$2,070.00
40000	Abernathy Road	Ida Hill Road	0.8km East of Ida Hill Road	Surface Treated	800	2023	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$19,584.00
57440	Sydenham Road	Orser Road	1.45km North of Keeley Road	Hot Mix Asphalt	5250	2023	75.1	82.9	17.2	Routine Maintenance	HMA-Crack Seal	\$11,812.50
45280	Railton Road	0.05km East of Sydenham Road	Cliffside Drive	Surface Treated	2900	2023	77.74	45.6	8.4	Routine Maintenance	ST-Slurry	\$64,960.00
56405	Rutledge Road	Storm Haven Lane	2.20km East of Sydenham Road	Hot Mix Asphalt	2750	2023	82.88	74.2	10.5	Routine Maintenance	HMA-Crack Seal	\$6,256.25
55715	Road 38	Desert Lake Road	0.80km North of Snider Road	Hot Mix Asphalt	3100	2023	78.69	82.9	14.7	Preventative Maintenance	HMA-EnhSurf	\$113,832.00
54565	Perth Road 10	Roushorne Road	Clear Lake Road	Hot Mix Asphalt	500	2023	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$875.00
57555	Sydenham Road	1.45km North of Keeley Road	Rutledge Road	Hot Mix Asphalt	350	2023	78.69	82.9	14.7	Routine Maintenance	HMA-Crack Seal	\$787.50
42460	George Street	Wheatley Street	Portland Avenue	Hot Mix Asphalt	200	2023	82.88	76.9	10.9	Routine Maintenance	HMA-Crack Seal	\$445.00
51575	Bedford Road	Salmon Lake Road	1.00km North of Salmon Lake Road	Surface Treated	1000	2023	70.1	50.8	12.6	Minor Rehabilitation Treatment	ST-SST	\$24,480.00
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Hot Mix Asphalt	3350	2023	78.69	81.2	14.4	Routine Maintenance	HMA-Crack Seal	\$5,695.00
56175	Rutledge Road	0.13km West of Sydenham Church Street	Wheatley Street	Hot Mix Asphalt	550	2023	82.6	89.6	12.9	Routine Maintenance	HMA-Crack Seal	\$1,375.00
41110	Canoe Lake Road	3.0km South of Westport Road	3.4km South of Westport Road	Hot Mix Asphalt	350	2023	77.69	25.8	4.8	Routine Maintenance	HMA-Crack Seal	\$525.00
50125	Battersea Road	Moreland Dixon Road	Sunbury Road	Hot Mix Asphalt	500	2023	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$912.50
58725	Wilton Road 18	0.65km West of Road 38	0.37km West of Road 38	Hot Mix Asphalt	280	2023	78.32	87.5	15.8	Routine Maintenance	HMA-Crack Seal	\$840.00
50675	Battersea Road	1.70km North of Burnt Hills Road	2.30km North of Burnt Hills Road	Surface Treated	600	2023	38.61	62.3	42.9	Major Rehabilitation Treatment	ST-FDR & DST	\$51,408.00
40855	Burnt Hills Road	5.0km East of Battersea Road	0.61km West of Carrying Place Road	Surface Treated	1000	2023	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$21,000.00
53070	Desert Lake Road	2.55km West of Bedford Road	1.90km West of Bedford Road	Surface Treated	650	2023	70.1	49	12.2	Minor Rehabilitation Treatment	ST-SST	\$18,564.00
51000	Bedford Road	Portland Avenue	Alton Road	Hot Mix Asphalt	1000	2023	82.88	76.9	10.9	Routine Maintenance	HMA-Crack Seal	\$2,000.00
51690	Bedford Road	1.00km North of Salmon Lake Road	Desert Lake Road	Surface Treated	3600	2023	42.66	50.8	31.6	Major Rehabilitation Treatment	ST-FDR & DST	\$308,448.00
45700	Verona Sand Road	McMahon Drive	Road 38	Hot Mix Asphalt	250	2023	79.87	32.9	5.5	Routine Maintenance	HMA-Crack Seal	\$418.75
43180	Holmes Road	Lakefield Drive	Davidson Road	Surface Treated	1500	2023	77.08	31.9	6	Routine Maintenance	ST-Slurry	\$31,500.00
57210	Sydenham Mill Street	Rutledge Road	George Street	Hot Mix Asphalt	400	2023	78.69	70.6	12.5	Routine Maintenance	HMA-Crack Seal	\$890.00
46180	Sydenham William Street	Rutledge Road	Sydenham Mill Street	Hot Mix Asphalt	500	2023	86.05	44.8	5.2	Routine Maintenance	HMA-Crack Seal	\$975.00
52955	Desert Lake Road	Deyos Road	Holleford Road	Surface Treated	2800	2023	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$79,968.00
52725	Desert Lake Road	0.15km East of High Falls Road	Bauder Drive	Surface Treated	1550	2023	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$44,268.00
58590	Wilton Road 18	3.6km West of Yarker Road 4	Yarker Road 4	Hot Mix Asphalt	3600	2023	76.48	71	13.9	Routine Maintenance	HMA-Crack Seal	\$6,030.00
56635	Sunbury Road	Battersea Road	0.60km West of Factory Road	Hot Mix Asphalt	3400	2023	43.32	71	43.4	Major Rehabilitation Treatment	HMA-FDR & EAS & Ovly	\$1,608,042.24
53415	Harrowsmith Road	0.45km East of Road 38	Loughborough Portland Road	Hot Mix Asphalt	3200	2023	78.69	74.2	13.1	Routine Maintenance	HMA-Crack Seal	\$8,000.00
50000	Battersea Road	4.30km South of Moreland Dixon Road	Moreland Dixon Road	Hot Mix Asphalt	4300	2023	43.75	74.2	44.8	Major Rehabilitation Treatment	HMA-FDR & 20vly	\$2,820,338.35
51115	Bedford Road	Alton Road	Freeman Road	Surface Treated	3850	2023	31.08	57.1	44.4	Major Rehabilitation Treatment	ST-FDR & DST	\$329,868.00
54450	Perth Road 10	4.10km North of Perth Road Crescent	9.60km North of Perth Road Crescent	Hot Mix Asphalt	5500	2023	76.48	71	13.9	Routine Maintenance	HMA-Crack Seal	\$9,625.00
55830	Road 38	0.80km North of Snider Road	Piccadilly Road	Hot Mix Asphalt	750	2023	78.69	82.9	14.7	Routine Maintenance	HMA-Crack Seal	\$1,312.50
56980	Sunbury Road	Brewer Lake Road	1.30km East of Brewer Lake Road	Surface Treated	1300	2023	60.46	67.7	25	Minor Rehabilitation Treatment	ST-Ovly	\$395,227.56
40525	Boyce Road	0.7km West of Road 38	Road 38	Hot Mix Asphalt	680	2024	83.45	32.1	4.4	Routine Maintenance	HMA-Crack Seal	\$972.77
53990	Perth Road 10	North Shore Crescent	Perth Road Crescent	Hot Mix Asphalt	5300	2024	87.76	74.2	7.5	Routine Maintenance	HMA-Crack Seal	\$9,236.15
58935	Yarker Road 4	Wilton Road 18	Road 38	Hot Mix Asphalt	2050	2024	52.3	71	33.4	Major Rehabilitation Treatment	HMA-FDR & 20vly	\$1,276,230.43
45505	Rosedale Road	Alton Road	Freeman Road	Surface Treated	1350	2024	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$29,495.34
40465	Bellrock Pepper Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	100	2024	81.3	12.9	2	Routine Maintenance	HMA-Crack Seal	\$78.03
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2024	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$6,554.52
57095	Sunbury Road	Hitchcock Drive	Brewer Lake Road	Surface Treated	1400	2024	60.46	67.7	25	Minor Rehabilitation Treatment	ST-Ovly	\$434,142.27
41950	Deyos Road	Desert Lake Road	Morey Lane	Surface Treated	1100	2024	77.08	22.5	4.2	Routine Maintenance	ST-Slurry	\$16,022.16
45010	Peters Road	Harrowsmith Road	East End of Road	Surface Treated	300	2024	67.66	11.7	3.2	Minor Rehabilitation Treatment	ST-SST	\$4,993.92
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2024	74.65	87.5	18.4	Preventative Maintenance	HMA-EnhSurf	\$14,115.63
42970	Holleford Road	Road 38	0.15km East of Road 38	Hot Mix Asphalt	150	2024	83.2	32.9	4.6	Routine Maintenance	HMA-Crack Seal	\$312.12
56520	Rutledge Road	2.20km East of Sydenham Road	Perth Road 10	Hot Mix Asphalt	5850	2024	52.3	71	33.4	Major Rehabilitation Treatment	HMA-FDR & 20vly	\$3,641,925.87
58015	Westport Road	0.20km East of Burrigge Road	1.10km East of Lee Road	Surface Treated	2500	2024	46.88	54	29.7	Major Rehabilitation Treatment	ST-FDR & DST	\$254,898.00
53530	Moreland Dixon Road	Perth Road 10	Battersea Road	Hot Mix Asphalt	4150	2024	67.27	71	20.1	Preventative Maintenance	HMA-EnhSurf	\$130,177.45
53645	Perth Road 10	Spooner Road	Moreland Dixon Road	Hot Mix Asphalt	5400	2024	72.04	85	19.8	Preventative Maintenance	HMA-EnhSurf	\$227,535.48
54220	Perth Road 10	1.40km North of Perth Road Crescent	3.90km North of Perth Road Crescent	Hot Mix Asphalt	2500	2024	69.09	71	18.5	Preventative Maintenance	HMA-EnhSurf	\$81,931.50
46330	Verona Street	Verona Sand Road	North End of Road	Hot Mix Asphalt	900	2024	75.7	24.8	5	Routine Maintenance	HMA-Crack Seal	\$1,404.54
44065	Main Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	450	2024	77.03	21.7	4.1	Routine Maintenance	HMA-Crack Seal	\$468.18
54680	Perth Road 10	Clear Lake Road	McComish Lane	Hot Mix Asphalt	2100	2024	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$5,462.10
45070	Piccadilly Road	Road 38	Arena Boundary Road	Hot Mix Asphalt	150	2024	83.45	29	3.9	Routine Maintenance	HMA-Crack Seal	\$234.09
40975	Campbell Road	Murvale Road	Stage Coach Road	Surface Treated	2000	2024	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$46,609.92
57440	Sydenham Road	Orser Road	1.45km North of Keeley Road	Hot Mix Asphalt	5250	2024	72.04	82.9	19.3	Preventative Maintenance	HMA-EnhSurf	\$221,215.05
57900	Westport Road	New Road	0.20km East of Burrigge Road	Surface Treated	3400	2024	46.88	54	29.7	Major Rehabilitation Treatment	ST-FDR & DST	\$346,661.28
40720	Buck Bay Road	0.3km North of Westport Road	White Lake Road	Surface Treated	1700	2024	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$37,142.28
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Hot Mix Asphalt	3350	2024	75.1	81.2	16.8	Preventative Maintenance	HMA-EnhSurf	\$106,651.40
46165	Sydenham Walker Road	Rock Quarry Lane	Sydenham Church Street	Hot Mix Asphalt	400	2024	83.45	29	3.9	Routine Maintenance	HMA-Crack Seal	\$624.24
40960	Campbell Road	0.5km West of Stage Coach Road	Stage Coach Road	Surface Treated	2000	2024	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$46,609.92
55945	Road 38	Bradshaw Road	3.30km North of Bradshaw Road	Hot Mix Asphalt	3300	2024	71.19	71	17	Preventative Maintenance	HMA-EnhSurf	\$92,699.64
43990	Loughborough Portland Road	Alton Road	Jamieson Road	Surface Treated	1350	2024	47.59	42.5	22.9	Major Rehabilitation Treatment	ST-FDR & DST	\$117,981.36
44755	Oak Bluffs Road	South End of Road	Alf Patterson Road	Hot Mix Asphalt	3050	2024	76.15	23.8	4.7	Routine Maintenance	HMA-Crack Seal	\$4,759.83
43135	Holmes Road	Latimer Road	Old Boy Road	Surface Treated	400	2024	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$9,321.98
46480	Watson Road	Petworth Road	Boyce Road	Surface Treated	1400	2024	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
44980	Percy Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	250	2024	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$195.08
45235	Railton Road	Stage Coach Road	0.55km East of Stage Coach Road	Surface Treated	550	2024	83.21	42.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$14,648.83
44395	Milburn Road	Ida Hill Road	2.00km West of Ida Hill Road	Surface Treated	2000	2024	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$43,696.80
54450	Perth Road 10	4.10km North of Perth Road Crescent	9.60km North of Perth Road Crescent	Hot Mix Asphalt	5500	2024	73.62	71	15.6	Preventative Maintenance	HMA-EnhSurf	\$180,249.30
50375	Battersea Road	Larry York Road	Sarah Street	Hot Mix Asphalt	2050	2025	63.47	81.2	26.9	Preventative Maintenance	HMA-Enh2Surf	\$110,405.43
44005	Loughborough Portland Road	Jamieson Road	Vanluven Road	Surface Treated	700	2025	47.59	42.5	22.9	Major Rehabilitation Treatment	ST-FDR & DST	\$62,399.03
40930	Camden Portland Boundary Road	Yarker Road 4	Colebrook Road	Surface Treated	2850	2025	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$67,747.52
44320	McMahon Drive	Verona Sand Road	Bank Street	Hot Mix Asphalt	250	2025	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$390.15
58820	Yarker Road 4	Camden Portland Boundary Road	Wilton Road 18	Hot Mix Asphalt	3750	2025	73.62	71	15.6	Preventative Maintenance	HMA-EnhSurf	\$179,078.85
44545	Murvale Road	Murton Road	Scanlan Road	Surface Treated	1550	2025	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$36,687.11
44725	Notre Dame Street	Church Street (Harrowsmith)	0.35km South of Centennial Park Road	Hot Mix Asphalt	350	2025	79.87	21.7	3.6	Routine Maintenance	HMA-Crack Seal	\$728.28
50500	Battersea Road	0.10km North of Sarah Street	Burnt Hills Road	Hot Mix Asphalt	2300	2025	60.17	67.9	25.3	Preventative Maintenance	HMA-Enh2Surf	\$106,173.86
58705	Wilton Road 18	Yarker Road 4	0.65km West of Road 38	Hot Mix Asphalt	2700	2025	60.17	71	26.4	Preventative Maintenance	HMA-Enh2Surf	\$139,180.08
58750	Wilton Road 18	0.37km West of Road 38	0.12km West of Road 38	Hot Mix Asphalt	250	2025	78.32	87.5	15.8	Preventative Maintenance	HMA-EnhSurf	\$10,147.80
57785	Westport Road	Buck Bay Road	New Road	Surface Treated	7700	2025	46.88	57.1	31.5	Major Rehabilitation Treatment	ST-FDR & DST	\$800,787.56
51920	Bellrock Road	Bellrock Mill Street	Long Swamp Road	Hot Mix Asphalt	2100	2025	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$100,284.16
41950	Deyos Road	Desert Lake Road	Morey Lane	Surface Treated	1100	2025	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$18,677.26
45115	Portland Avenue	Sydenham Church Street	George Street	Hot Mix Asphalt	700	2025	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$1,274.49
54795	Perth Road 10	0.85km North of McComish Lane	6.00km North of McComish Lane	Hot Mix Asphalt	5150	2025	73.62	71	15.6	Preventative Maintenance	HMA-EnhSurf	\$172,154.47
58775	Wilton Road 18	0.12km West of Road 38	Road 38	Hot Mix Asphalt	120	2025	74.65	87.5	18.4	Preventative Maintenance	HMA-EnhSurf	\$6,303.58
45085	Pine Ridge Road	Road 38	East End of Road	Hot Mix Asphalt	450	2025	77.03	21.7	4.1	Routine Maintenance	HMA-Crack Seal	\$585.23
44560	Murvale Road	Scanlan Road	Amey Road	Surface Treated	1400	2025	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$33,136.74
44995	Perth Road Crescent	Perth Road 10	Perth Road 10	Hot Mix Asphalt	600	2025	83.2	26.7	3.7	Routine Maintenance	HMA-Crack Seal	\$1,092.42
40967	Milburn Road	2.9km East of Battersea Road	0.45km East of Ormsbee Road	Surface Treated	1450	2025	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$31,680.18
46000	Stage Coach Road	Campbell Road	Rutledge Road	Hot Mix Asphalt	650	2025	57.95	49.8	19.9	Preventative Maintenance	HMA-Enh2Surf	\$35,006.60
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Hot Mix Asphalt	850	2025	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$27,602.02
45760	Scanlan Road	West End of Road	0.50km West of Murvale Road	Surface Treated	950	2025	77.08	17.5	3.3	Routine Maintenance	ST-Slurry	\$22,485.65
56290	Rutledge Road	Wheatley Street	Storm Haven Lane	Hot Mix Asphalt	1100	2025	71.5	89.6	21.2	Preventative Maintenance	HMA-EnhSurf	\$54,630.99
51460	Bedford Road	Busch Lane	Salmon Lake Road	Surface Treated	2400	2025	75.04	54	11.2	Minor Rehabilitation Treatment	ST-SST	\$71,313.18
50875	Battersea Road	4.50km North of Burnt Hills Road	East End of Road	Surface Treated	6100	2025	46.88	45.8	25.2	Major Rehabilitation Treatment	ST-FDR & DST	\$607,201.99
42295	Fox Ridge Trail	West End of Road	East End of Road	Hot Mix Asphalt	600	2025	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$967.57
46645	William Street	Rutledge Road	Church Street (Harrowsmith)	Hot Mix Asphalt	200	2025	85.16	26.7	3.2	Routine Maintenance	HMA-Crack Seal	\$364.14
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2025	78.69	76.2	13.5	Preventative Maintenance	HMA-EnhSurf	\$46,799.27
45775	Scanlan Road	0.50km West of Murvale Road	Murvale Road	Surface Treated	500	2025	77.08	17.5	3.3	Routine Maintenance	ST-Slurry	\$10,924.20
45265	Railton Road	Sydenham Road	0.05km East of Sydenham Road	Hot Mix Asphalt	50	2025	91.26	45.8	3.3	Routine Maintenance	HMA-Crack Seal	\$81.93
54105	Perth Road 10	Perth Road Crescent	1.40km North of Perth Road Crescent	Hot Mix Asphalt	1400	2025	67.27	74.2	21	Preventative Maintenance	HMA-EnhSurf	\$66,856.10
57325	Sydenham Road	Horning Road	2.00km North of Horning Road	Hot Mix Asphalt	2000	2025	75.1	85	17.6	Preventative Maintenance	HMA-EnhSurf	\$85,957.85
44365	Mica Point Road	South End of Road	Badour Road	Surface Treated	450	2025	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$7,640.70
44410	Milburn Road	1.80km South of Wellington Street	Wellington Street	Surface Treated	1800	2025	77.08	22.5	4.2	Routine Maintenance	ST-Slurry	\$39,327.12
43495	Kingston Road	Road 38	Harrowsmith Road	Hot Mix Asphalt	300	2025	75.7	27.9	5.6	Routine Maintenance	HMA-Crack Seal	\$546.21
42445	George Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2025	78.69	76.9	13.6	Preventative Maintenance	HMA-EnhSurf	\$5,587.26
50250	Battersea Road	Sunbury Road	Larry York Road	Hot Mix Asphalt	5200	2025	76.48	74.2	14.5	Preventative Maintenance	HMA-EnhSurf	\$166,376.19
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorn Road	Hot Mix Asphalt	1200	2025	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$39,540.61
45145	Princess Road	0.15km West of Battersea Road	Battersea Road	Hot Mix Asphalt	150	2025	79.39	24	4.1	Routine Maintenance	HMA-Crack Seal	\$273.11
45025	Petworth Road	Garrison Court	River Road	Surface Treated	1250	2025	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$31,862.25
56405	Rutledge Road	Storm Haven Lane	2.20km East of Sydenham Road	Hot Mix Asphalt	2750	2025	75.1	74.2	15.3	Preventative Maintenance	HMA-EnhSurf	\$119,505.29
44935	Ottawa Street	Railway Street	North End of Road	Hot Mix Asphalt	100	2025	83.2	21.7	3	Routine Maintenance	HMA-Crack Seal	\$156.06
55715	Road 38	Desert Lake Road	0.80km North of Snider Road	Hot Mix Asphalt	3100	2025	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$6,450.48
54565	Perth Road 10	Roushorn Road	Clear Lake Road	Hot Mix Asphalt	500	2025	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$16,714.03
44710	Notre Dame Street	Colebrook Road	Church Street (Harrowsmith)	Hot Mix Asphalt	350	2025	83.2	27.9	3.9	Routine Maintenance	HMA-Crack Seal	\$637.25
42475	German Road	Long Swamp Road	0.20km South of Long Swamp Road	Surface Treated	200	2025	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$3,859.88
57555	Sydenham Road	1.45km North of Keeley Road	Rutledge Road	Hot Mix Asphalt	350	2025	72.04	82.9	19.3	Preventative Maintenance	HMA-EnhSurf	\$15,042.62
42460	George Street	Wheatley Street	Portland Avenue	Hot Mix Asphalt	200	2025	75.1	76.9	15.9	Preventative Maintenance	HMA-EnhSurf	\$8,500.28
56175	Rutledge Road	0.13km West of Sydenham Church Street	Wheatley Street	Hot Mix Asphalt	550	2025	74.65	89.6	18.9	Preventative Maintenance	HMA-EnhSurf	\$26,264.90
41650	Daley Road	0.60km North of Railton Road	North End of Road	Surface Treated	500	2025	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$10,924.20
50125	Battersea Road	Moreland Dixon Road	Sunbury Road	Hot Mix Asphalt	500	2025	78.32	87.5	15.8	Preventative Maintenance	HMA-EnhSurf	\$17,430.34
40180	Arena Boundary Road	2.15km East of Davey Road	Piccadilly Road	Hot Mix Asphalt	450	2025	81.3	25.8	4	Routine Maintenance	HMA-Crack Seal	\$702.27
58725	Wilton Road 18	0.65km West of Road 38	0.37km West of Road 38	Hot Mix Asphalt	280	2025	71.5	87.5	20.7	Preventative Maintenance	HMA-EnhSurf	\$16,045.46
42895	Hinchinbrooke Road	0.99km North of Trousdale Road	Moore Farm Lane	Surface Treated	1400	2025	77.08	20.6	3.9	Routine Maintenance	ST-Slurry	\$30,587.76
41785	Deer Creek Drive	Spooner Road	0.4km North of Spooner Road	Surface Treated	400	2025	77.08	17.5	3.3	Routine Maintenance	ST-Slurry	\$8,739.36
43360	Keeley Road	Sydenham Road	0.30km East of Sydenham Road	Hot Mix Asphalt	300	2025	84.78	45.8	5.8	Preventative Maintenance	HMA-Slurry	\$8,357.01
42105	Fawn Brook Drive	Spooner Road	0.40km North of Spooner Road	Hot Mix Asphalt	400	2025	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$624.24
46120	Sydenham Church Street	William Street	Portland Avenue	Hot Mix Asphalt	400	2025	81.3	24	3.7	Routine Maintenance	HMA-Crack Seal	\$624.24
55255	Road 38	0.56km North of Harrowsmith Road	0.70km North of Hinchinbrooke Road	Hot Mix Asphalt	4750	2025	53.36	85	38.9	Major Rehabilitation Treatment	HMA-FDR & EAS & Ovly	\$2,671,187.88
56750	Sunbury Road	0.60km West of Factory Road	0.65km West of Hitchcock Drive	Surface Treated	3200	2025	46.88	67.7	37.3	Major Rehabilitation Treatment	ST-FDR & DST	\$332,794.83
51000	Bedford Road	Portland Avenue	Alton Road	Hot Mix Asphalt	1000	2025	75.1	76.9	15.9	Preventative Maintenance	HMA-EnhSurf	\$38,203.49
45700	Verona Sand Road	McMahon Drive	Road 38	Hot Mix Asphalt	250	2025	77.03	32.9	6.2	Routine Maintenance	HMA-Crack Seal	\$435.67
57210	Sydenham Mill Street	Rutledge Road	George Street	Hot Mix Asphalt	400	2025	72.04	70.6	16.4	Preventative Maintenance	HMA-EnhSurf	\$17,000.55
41155	Carrying Place Road	South End of Road	1.0km South of Burnt Hills Road	Surface Treated	4800	2025	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$122,251.16
46180	Sydenham William Street	Rutledge Road	Sydenham Mill Street	Hot Mix Asphalt	500	2025	79.93	44.8	7.4	Routine Maintenance	HMA-Crack Seal	\$1,014.39
41170	Carrying Place Road	1.0km South of Burnt Hills Road	Burnt Hills Road	Surface Treated	1050	2025	77.08	22.5	4.2	Routine Maintenance	ST-Slurry	\$22,940.82
58590	Wilton Road 18	3.6km West of Yarker Road 4	Yarker Road 4	Hot Mix Asphalt	3600	2025	71.19	71	17	Preventative Maintenance	HMA-EnhSurf	\$115,183.52
41635	Daley Road	Railton Road	0.60km North of Railton Road	Surface Treated	600	2025	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$13,109.04
56635	Sunbury Road	Battersea Road	0.60km West of Factory Road	Hot Mix Asphalt	3400	2025	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$6,190.38
52035	Bellrock Road	Long Swamp Road	Cross Road	Hot Mix Asphalt	3200	2025	61.5	71	25.3	Preventative Maintenance	HMA-Enh2Surf	\$172,340.18
53415	Harrowsmith Road	0.45km East of Road 38	Loughborough Portland Road	Hot Mix Asphalt	3200	2025	72.04	74.2	17.2	Preventative Maintenance	HMA-EnhSurf	\$152,813.95
58130	Westport Road	1.10km East of Lee Road	0.76km West of Bresee Road	Hot Mix Asphalt	1300	2025	67.27	57.3	16.2	Preventative Maintenance	HMA-EnhSurf	\$55,872.60
46712	Wilmer Road	Perth Road 10	Perth Road Crescent	Hot Mix Asphalt	50	2025	87.39	29.8	3.1	Routine Maintenance	HMA-Crack Seal	\$91.04
45730	Sarah Street	Water Street	Battersea Road	Hot Mix Asphalt	200	2025	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$364.14
50000	Battersea Road	4.30km South of Moreland Dixon Road	Moreland Dixon Road	Hot Mix Asphalt	4300	2025	87.76	74.2	7.5	Routine Maintenance	HMA-Crack Seal	\$8,052.70
45565	Round Lake Road	2.20km East of Latimer Road	3.50km East of Latimer Road	Surface Treated	1300	2025	80.03	32.7	5.4	Minor Rehabilitation Treatment	ST-SST	\$33,109.69
46495	Wellington Street	Battersea Road	United Street	Hot Mix Asphalt	250	2025	85.16	29.8	3.6	Routine Maintenance	HMA-Crack Seal	\$455.18
55830	Road 38	0.80km North of Snider Road	Piccadilly Road	Hot Mix Asphalt	750	2025	72.04	82.9	19.3	Preventative Maintenance	HMA-EnhSurf	\$25,071.04
56980	Sunbury Road	Brewer Lake Road	1.30km East of Brewer Lake Road	Surface Treated	1300	2025	79.83	67.7	11.3	Routine Maintenance	HMA-Crack Seal	\$2,366.91
40030	Alton Road	Road 38	Loughborough Portland Road	Surface Treated	2700	2026	17.64	20.6	18	Major Rehabilitation Treatment	ST-FDR & DST	\$245,495.61
40615	Bradshaw Road	Road 38	Bob's Lake Road	Hot Mix Asphalt	900	2026	73.35	29	6.4	Preventative Maintenance	HMA-Slurry	\$23,867.63
40525	Boyce Road	0.7km West of Road 38	Road 38	Hot Mix Asphalt	680	2026	79.39	32.1	5.5	Routine Maintenance	HMA-Crack Seal	\$992.23
53990	Perth Road 10	North Shore Crescent	Perth Road Crescent	Hot Mix Asphalt	5300	2026	78.69	74.2	13.1	Routine Maintenance	HMA-Crack Seal	\$9,420.87
58935	Yarker Road 4	Wilton Road 18	Road 38	Hot Mix Asphalt	2050	2026	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$3,643.92
44545	Murvale Road	Murton Road	Scanlan Road	Surface Treated	1550	2026	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$43,622.02
43855	Leveque Road	Bellrock Mill Street	0.10km North of Bellrock Mill Street	Hot Mix Asphalt	100	2026	77.69	12.9	2.4	Routine Maintenance	HMA-Crack Seal	\$106.12
40465	Bellrock Pepper Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	100	2026	77.69	12.9	2.4	Routine Maintenance	HMA-Crack Seal	\$79.59
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2026	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$371.42
41290	Church Street (Harrowsmith)	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2026	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$265.30
53185	Desert Lake Road	1.90km West of Bedford Road	1.70km West of Bedford Road	Surface Treated	200	2026	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$5,195.67

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
42235	Florida Road	1.30km South of Henderson Road	Henderson Road	Surface Treated	1300	2026	20.4	22.5	19.2	Major Rehabilitation Treatment	ST-FDR & DST	\$124,111.67
40967	Milburn Road	2.9km East of Battersea Road	0.45km East of Ormsbee Road	Surface Treated	1450	2026	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$37,668.64
52840	Desert Lake Road	Bauder Drive	Deyos Road	Surface Treated	2200	2026	80.03	49	8.1	Minor Rehabilitation Treatment	ST-SST	\$66,677.82
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2026	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$799.89
42970	Holleford Road	Road 38	0.15km East of Road 38	Hot Mix Asphalt	150	2026	79.87	32.9	5.5	Routine Maintenance	HMA-Crack Seal	\$318.36
41575	Craig Road	Road 38	3.75km North of Road 38	Surface Treated	3750	2026	12.78	25.6	23.2	Major Rehabilitation Treatment	ST-FDR & DST	\$284,138.44
44665	North Shore Road	Hewlett Packard Road	Convery Lane	Surface Treated	4000	2026	26.55	22.5	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$363,697.21
56520	Rutledge Road	2.20km East of Sydenham Road	Perth Road 10	Hot Mix Asphalt	5850	2026	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$10,398.51
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Hot Mix Asphalt	300	2026	71.19	60.4	14.5	Preventative Maintenance	HMA-EnhSurf	\$11,690.27
53530	Moreland Dixon Road	Perth Road 10	Battersea Road	Hot Mix Asphalt	4150	2026	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$7,376.72
53300	Desert Lake Road	1.70km West of Bedford Road	Bedford Road	Surface Treated	1700	2026	70.1	45.8	11.4	Minor Rehabilitation Treatment	ST-SST	\$51,523.77
43720	Latimer Road	Holmes Road	Davidson Road	Surface Treated	1400	2026	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$127,294.02
41680	Davey Drive	South End of Road	Maple Drive	Hot Mix Asphalt	450	2026	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$835.70
45945	Spooner Road	0.45km West of Perth Road 10	Perth Road 10	Surface Treated	450	2026	38.61	29.6	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$40,915.94
41200	Cemetery Road	Water Street	North End of Road	Hot Mix Asphalt	50	2026	79.39	12.9	2.2	Routine Maintenance	HMA-Crack Seal	\$66.33
53645	Perth Road 10	Spooner Road	Moreland Dixon Road	Hot Mix Asphalt	5400	2026	87.76	85	8.6	Routine Maintenance	HMA-Crack Seal	\$12,893.68
46765	Wurzl Crescent	Vienna Crescent	0.05km North of Vienna Crescent	Surface Treated	50	2026	72.36	7.5	1.7	Minor Rehabilitation Treatment	ST-SST	\$1,515.41
40510	Boyce Road	Watson Road	0.7km West of Road 38	Surface Treated	1780	2026	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$46,241.50
54220	Perth Road 10	1.40km North of Perth Road Crescent	3.90km North of Perth Road Crescent	Hot Mix Asphalt	2500	2026	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$4,642.79
46330	Verona Street	Verona Sand Road	North End of Road	Hot Mix Asphalt	900	2026	73.05	24.8	5.5	Preventative Maintenance	HMA-EnhSurf	\$26,303.10
42430	Genge Street	Road 38	East End of Road	Hot Mix Asphalt	100	2026	76.15	12.9	2.5	Routine Maintenance	HMA-Crack Seal	\$185.71
52610	Desert Lake Road	0.15km West of High Falls Road	0.15km East of High Falls Road	Surface Treated	300	2026	85.04	52.1	6.4	Minor Rehabilitation Treatment	ST-SST	\$9,092.43
40630	Bradshaw Road	Bob's Lake Road	Steele Road	Hot Mix Asphalt	1250	2026	67.92	29	7.9	Preventative Maintenance	HMA-Slurry	\$33,149.48
40285	Bank Street	Road 38	Revell Road	Hot Mix Asphalt	400	2026	68.66	21.7	5.7	Preventative Maintenance	HMA-EnhSurf	\$11,690.27
44065	Main Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	450	2026	74.39	21.7	4.6	Preventative Maintenance	HMA-EnhSurf	\$8,767.70
40690	Brewery Street	William Street	Sydenham Mill Street	Hot Mix Asphalt	200	2026	85.16	24.8	3	Routine Maintenance	HMA-Crack Seal	\$371.42
55370	Road 38	0.70km North of Hinchinbrooke Road	Verona Sand Road	Hot Mix Asphalt	3900	2026	54.89	85	37.3	Major Rehabilitation Treatment	HMA-FDR & EAS & Ovly	\$2,097,233.96
54680	Perth Road 10	Clear Lake Road	McComish Lane	Hot Mix Asphalt	2100	2026	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$5,571.34
46135	Sydenham Cross Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2026	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$242.75
44410	Milburn Road	1.80km South of Wellington Street	Wellington Street	Surface Treated	1800	2026	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$46,761.07
41725	Davidson Road	Mowoods Lane	Latimer Road	Surface Treated	1300	2026	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$33,771.88
43495	Kingston Road	Road 38	Harrowsmith Road	Hot Mix Asphalt	300	2026	74.39	27.9	5.9	Preventative Maintenance	HMA-EnhSurf	\$10,228.98
45940	Spooner Road	West End of Road	0.45km West of Perth Road 10	Surface Treated	250	2026	38.61	29.6	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$22,731.08
41305	Church Street (Harrowsmith)	Road 38	East End of Road	Hot Mix Asphalt	200	2026	85.16	21.7	2.6	Routine Maintenance	HMA-Crack Seal	\$371.42
41605	Crow Lake Road	0.45km West of Badour Road	0.10km East of Badour Road	Surface Treated	550	2026	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$53,342.26
45070	Piccadilly Road	Road 38	Arena Boundary Road	Hot Mix Asphalt	150	2026	79.39	29	4.9	Routine Maintenance	HMA-Crack Seal	\$238.77
40975	Campbell Road	Murvale Road	Stage Coach Road	Surface Treated	2000	2026	67.66	28.8	8	Minor Rehabilitation Treatment	ST-SST	\$55,420.53
45595	Round Lake Road	4.10km East of Latimer Road	Battersea Road	Surface Treated	2200	2026	26.55	28.8	23.2	Major Rehabilitation Treatment	ST-FDR & DST	\$200,033.46
43645	Lakeview Drive	Salmon Drive	Pine Ridge Road	Hot Mix Asphalt	150	2026	79.39	12.9	2.2	Routine Maintenance	HMA-Crack Seal	\$238.77
40000	Abernathy Road	Ida Hill Road	0.8km East of Ida Hill Road	Surface Treated	800	2026	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$20,782.70
44515	Murton Road	Road 38	1.35km East of Road 38	Surface Treated	1850	2026	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$165,406.46
57440	Sydenham Road	Orser Road	1.45km North of Keeley Road	Hot Mix Asphalt	5250	2026	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$12,535.52
40330	Battersea Mill Street	Battersea Road	South End of Road	Surface Treated	150	2026	23.37	15.4	12.8	Major Rehabilitation Treatment	ST-FDR & DST	\$6,819.32
40345	Battersea Water Street	North End of Road	Battersea Road	Hot Mix Asphalt	100	2026	83.2	21.7	3	Routine Maintenance	HMA-Crack Seal	\$185.71
42535	Gorr Road	Road 38	East End of Road	Surface Treated	900	2026	29.94	20.4	16	Major Rehabilitation Treatment	ST-FDR & DST	\$65,465.50
41788	Deer Creek Drive	0.4km North of Spooner Road	Whitetail Court	Hot Mix Asphalt	560	2026	81.3	20.8	3.2	Routine Maintenance	HMA-Crack Seal	\$891.41
46545	Whitetail Court	Fawn Brook Drive	North End of Road	Hot Mix Asphalt	240	2026	83.45	16.7	2.2	Routine Maintenance	HMA-Crack Seal	\$382.03
55715	Road 38	Desert Lake Road	0.80km North of Snider Road	Hot Mix Asphalt	3100	2026	82.88	82.9	11.8	Preventative Maintenance	HMA-EnhSurf	\$120,799.43
40300	Bank Street	Revell Road	Revell Road	Surface Treated	500	2026	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$12,989.19
42475	German Road	Long Swamp Road	0.20km South of Long Swamp Road	Surface Treated	200	2026	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$4,589.51
42280	Four Seasons Drive	Holmes Road	North End of Road	Hot Mix Asphalt	1350	2026	67.92	24	6.6	Preventative Maintenance	HMA-Slurry	\$30,686.95
51575	Bedford Road	Salmon Lake Road	1.00km North of Salmon Lake Road	Surface Treated	1000	2026	70.1	50.8	12.6	Minor Rehabilitation Treatment	ST-SST	\$25,978.37
42520	Goodrich Street	Percy Street	Main Street	Hot Mix Asphalt	100	2026	76.15	12.9	2.5	Preventative Maintenance	HMA-Slurry	\$1,515.41
43315	Jamieson Road	1.30km East of Road 38	Loughborough Portland Road	Surface Treated	2300	2026	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$195,184.17
44095	Maple Drive	Road 38	East End of Road	Hot Mix Asphalt	550	2026	69.34	24	6.1	Preventative Maintenance	HMA-Slurry	\$12,502.09
40705	Buck Bay Road	Westport Road	0.3km North of Westport Road	Hot Mix Asphalt	200	2026	67.92	32.1	8.8	Preventative Maintenance	HMA-Slurry	\$4,546.22
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Hot Mix Asphalt	3350	2026	87.76	81.2	8.2	Routine Maintenance	HMA-Crack Seal	\$6,043.58
44890	Ormsbee Road	Milburn Road	East End of Road	Surface Treated	2650	2026	17.64	28.8	25.1	Major Rehabilitation Treatment	ST-FDR & DST	\$240,949.40
42655	Greenfield Road	West End of Road	0.70km West of Perth Road 10	Surface Treated	150	2026	26.55	22.5	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$13,638.65
41650	Daley Road	0.60km North of Railton Road	North End of Road	Surface Treated	500	2026	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$12,989.19
43435	Kerr Road	Petworth Road	North End of Road	Surface Treated	600	2026	33.52	20.4	15.5	Major Rehabilitation Treatment	ST-FDR & DST	\$39,097.45
42108	Fawn Brook Drive	0.40km North of Spooner Road	Whitetail Court	Hot Mix Asphalt	260	2026	83.45	20.8	2.8	Routine Maintenance	HMA-Crack Seal	\$413.87
46165	Sydenham Walker Road	Rock Quarry Lane	Sydenham Church Street	Hot Mix Asphalt	400	2026	79.39	29	4.9	Routine Maintenance	HMA-Crack Seal	\$636.72
40315	Battersea Cross Street	Wellington Street	Battersea Road	Hot Mix Asphalt	100	2026	83.2	21.7	3	Routine Maintenance	HMA-Crack Seal	\$159.18
41110	Canoe Lake Road	3.0km South of Westport Road	3.4km South of Westport Road	Hot Mix Asphalt	350	2026	73.35	25.8	5.7	Preventative Maintenance	HMA-Slurry	\$7,955.88
55945	Road 38	Bradshaw Road	3.30km North of Bradshaw Road	Hot Mix Asphalt	3300	2026	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$5,252.98
57670	Westport Road	2.70km West of Buck Bay Road	Buck Bay Road	Surface Treated	2700	2026	46.88	57.1	31.5	Major Rehabilitation Treatment	ST-FDR & DST	\$245,495.61
44140	Maria Street	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2026	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$212.24
45805	Short Street	Bank Street	North End of Road	Surface Treated	50	2026	72.36	17.5	4	Minor Rehabilitation Treatment	ST-SST	\$1,082.43
46390	Walsh Road	Perth Road 10	0.15km East of Perth Road 10	Hot Mix Asphalt	650	2026	81.3	12.9	2	Routine Maintenance	HMA-Crack Seal	\$689.79
44755	Oak Bluffs Road	South End of Road	Alf Patterson Road	Hot Mix Asphalt	3050	2026	73.35	23.8	5.2	Preventative Maintenance	HMA-Slurry	\$69,329.78
52150	Bellrock Road	Cross Road	Road 38	Hot Mix Asphalt	1300	2026	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$2,414.25
40540	Bracken Road	Yarker Road 4	McLean Road	Surface Treated	1550	2026	33.52	28.8	21.8	Major Rehabilitation Treatment	ST-FDR & DST	\$138,583.79
44305	McLean Road	Wallace Road	Colebrook Road	Surface Treated	1350	2026	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$122,747.81
53070	Desert Lake Road	2.55km West of Bedford Road	1.90km West of Bedford Road	Surface Treated	650	2026	70.1	49	12.2	Minor Rehabilitation Treatment	ST-SST	\$19,700.27
43030	Holleford Road	New Morin Road	Johnny Martin Road	Surface Treated	2900	2026	29.94	28.8	22.6	Major Rehabilitation Treatment	ST-FDR & DST	\$307,627.22
40060	Amelia Street	Brewery Street	William Street	Hot Mix Asphalt	200	2026	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$445.71
40435	Bellrock Mill Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	250	2026	75.7	21.7	4.3	Preventative Maintenance	HMA-EnhSurf	\$6,088.68
41800	Deer Run Way	Fox Ridge Trail	Bedford Road	Hot Mix Asphalt	450	2026	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$716.32
43045	Holleford Road	Johnny Martin Road	Deer Park Lane	Surface Treated	1600	2026	33.52	28.8	21.8	Major Rehabilitation Treatment	ST-FDR & DST	\$169,725.36
46315	Vanluven Road	Holleford Road	Loughborough Portland Road	Surface Treated	2400	2026	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$221,855.30
45700	Verona Sand Road	McMahon Drive	Road 38	Hot Mix Asphalt	250	2026	75.7	32.9	6.6	Preventative Maintenance	HMA-EnhSurf	\$8,158.83
56865	Sunbury Road	0.65km West of Hitchcock Drive	Hitchcock Drive	Surface Treated	700	2026	79.83	67.7	11.3	Routine Maintenance	HMA-Crack Seal	\$1,299.98
46180	Sydenham William Street	Rutledge Road	Sydenham Mill Street	Hot Mix Asphalt	500	2026	77.56	44.8	8.3	Preventative Maintenance	HMA-EnhSurf	\$18,996.68
52955	Desert Lake Road	Deyos Road	Holleford Road	Surface Treated	2800	2026	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$84,862.68
52725	Desert Lake Road	0.15km East of High Falls Road	Bauder Drive	Surface Treated	1550	2026	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$46,977.56
41170	Carrying Place Road	1.0km South of Burnt Hills Road	Burnt Hills Road	Surface Treated	1050	2026	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$27,277.29
43765	Latimer Road	Perth Road 10	Round Lake Road	Hot Mix Asphalt	450	2026	68.66	31	8.2	Preventative Maintenance	HMA-EnhSurf	\$13,151.55
41635	Daley Road	Railton Road	0.60km North of Railton Road	Surface Treated	600	2026	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$15,587.02
42580	Graham Road	Park Street	West End of Road	Surface Treated	500	2026	29.94	17.5	13.7	Major Rehabilitation Treatment	ST-FDR & DST	\$35,612.02
46710	Wilmer Road	0.05km West of Perth Road 10	Perth Road 10	Hot Mix Asphalt	50	2026	83.2	29.8	4.1	Routine Maintenance	HMA-Crack Seal	\$79.59
44980	Percy Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	250	2026	73.35	20.8	4.6	Preventative Maintenance	HMA-Slurry	\$2,841.38
45205	Quinn Road West	Wilton Road 18	Road 38	Surface Treated	1550	2026	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$91,606.23
45655	Verona Sand Road	West End of Road	Cross Road	Surface Treated	2200	2026	37.28	20.4	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$166,694.55
44905	Orser Road	West End of Road	Stage Coach Road	Surface Treated	1200	2026	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$109,109.16
54450	Perth Road 10	4.10km North of Perth Road Crescent	9.60km North of Perth Road Crescent	Hot Mix Asphalt	5500	2026	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
58820	Yarker Road 4	Camden Portland Boundary Road	Wilton Road 18	Hot Mix Asphalt	3750	2027	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$10,147.80
40945	Camden Portland Boundary Road	Colebrook Road	Petworth Road	Surface Treated	2100	2027	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$47,735.26
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2027	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$6,955.71
41590	Cross Road	Bellrock Road	Verona Sand Road	Surface Treated	550	2027	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$38,256.40
44725	Notre Dame Street	Church Street (Harrowsmith)	0.35km South of Centennial Park Road	Hot Mix Asphalt	350	2027	77.03	21.7	4.1	Routine Maintenance	HMA-Crack Seal	\$757.70
50500	Battersea Road	0.10km North of Sarah Street	Burnt Hills Road	Hot Mix Asphalt	2300	2027	83.77	67.9	9.1	Routine Maintenance	HMA-Crack Seal	\$3,734.39
58705	Wilton Road 18	Yarker Road 4	0.65km West of Road 38	Hot Mix Asphalt	2700	2027	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$4,895.30
58750	Wilton Road 18	0.37km West of Road 38	0.12km West of Road 38	Hot Mix Asphalt	250	2027	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$575.04
51920	Bellrock Road	Bellrock Mill Street	Long Swamp Road	Hot Mix Asphalt	2100	2027	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$5,682.77
54795	Perth Road 10	0.85km North of McComish Lane	6.00km North of McComish Lane	Hot Mix Asphalt	5150	2027	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$9,755.42
58775	Wilton Road 18	0.12km West of Road 38	Road 38	Hot Mix Asphalt	120	2027	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$357.20
40780	Burnett Road	South End of Road	Road 38	Surface Treated	300	2027	45.32	20.4	11.7	Major Rehabilitation Treatment	ST-FDR & DST	\$27,822.84
44995	Perth Road Crescent	Perth Road 10	Perth Road 10	Hot Mix Asphalt	600	2027	79.87	26.7	4.4	Routine Maintenance	HMA-Crack Seal	\$1,136.55
46000	Stage Coach Road	Campbell Road	Rutledge Road	Hot Mix Asphalt	650	2027	82.73	49.8	7.1	Routine Maintenance	HMA-Crack Seal	\$1,231.27
58360	Westport Road	Bresee Road	Concession 12	Surface Treated	1400	2027	60.46	57.1	21	Minor Rehabilitation Treatment	ST-Ovly	\$460,715.25
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Hot Mix Asphalt	850	2027	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$1,564.11
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2027	82.6	87.5	12.6	Preventative Maintenance	HMA-EnhSurf	\$14,979.62
56290	Rutledge Road	Wheatley Street	Storm Haven Lane	Hot Mix Asphalt	1100	2027	82.6	89.6	12.9	Routine Maintenance	HMA-Crack Seal	\$3,095.76
42295	Fox Ridge Trail	West End of Road	East End of Road	Hot Mix Asphalt	600	2027	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$1,006.66
46645	William Street	Rutledge Road	Church Street (Harrowsmith)	Hot Mix Asphalt	200	2027	81.45	26.7	4.1	Routine Maintenance	HMA-Crack Seal	\$378.85
53530	Moreland Dixon Road	Perth Road 10	Battersea Road	Hot Mix Asphalt	4150	2027	79.83	71	11.9	Preventative Maintenance	HMA-EnhSurf	\$138,145.35
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2027	87.76	76.2	7.7	Routine Maintenance	HMA-Crack Seal	\$2,651.96
43375	Keeley Road	0.30km East of Sydenham Road	Park Valley Road	Surface Treated	2200	2027	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$221,036.98
45265	Railton Road	Sydenham Road	0.05km East of Sydenham Road	Hot Mix Asphalt	50	2027	84.78	45.8	5.8	Routine Maintenance	HMA-Crack Seal	\$85.24
54105	Perth Road 10	Perth Road Crescent	1.40km North of Perth Road Crescent	Hot Mix Asphalt	1400	2027	83.77	74.2	10	Routine Maintenance	HMA-Crack Seal	\$3,788.51
53645	Perth Road 10	Spooner Road	Moreland Dixon Road	Hot Mix Asphalt	5400	2027	82.88	85	12.1	Preventative Maintenance	HMA-EnhSurf	\$241,462.47
54220	Perth Road 10	1.40km North of Perth Road Crescent	3.90km North of Perth Road Crescent	Hot Mix Asphalt	2500	2027	79.83	71	11.9	Preventative Maintenance	HMA-EnhSurf	\$86,946.36
55150	Road 38	Wilton Road 18	Harrowsmith Road	Hot Mix Asphalt	80	2027	59.54	98.3	37.4	Major Rehabilitation Treatment	HMA-FDR & 2Ovly	\$98,605.46
54680	Perth Road 10	Clear Lake Road	McComish Lane	Hot Mix Asphalt	2100	2027	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$104,335.64
57325	Sydenham Road	Horning Road	2.00km North of Horning Road	Hot Mix Asphalt	2000	2027	87.76	85	8.6	Routine Maintenance	HMA-Crack Seal	\$4,870.94
40210	Ashwood Drive	Rutledge Road	North End of Road	Surface Treated	800	2027	63.01	13.3	4.4	Minor Rehabilitation Treatment	ST-SST	\$19,785.13
42445	George Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2027	87.76	76.9	7.8	Routine Maintenance	HMA-Crack Seal	\$316.61
58475	Westport Road	Concession 12	Devil Lake Road	Surface Treated	1350	2027	60.46	57.1	21	Minor Rehabilitation Treatment	ST-Ovly	\$444,261.14
50250	Battersea Road	Sunbury Road	Larry York Road	Hot Mix Asphalt	5200	2027	88.37	74.2	7.1	Routine Maintenance	HMA-Crack Seal	\$9,427.98
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorn Road	Hot Mix Asphalt	1200	2027	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$2,240.63
45145	Princess Road	0.15km West of Battersea Road	Battersea Road	Hot Mix Asphalt	150	2027	76.15	24	4.7	Routine Maintenance	HMA-Crack Seal	\$284.14
43705	Latimer Road	Davidson Road	Holmes Road	Surface Treated	2300	2027	47.59	39.4	21.2	Major Rehabilitation Treatment	ST-FDR & DST	\$213,308.41
57440	Sydenham Road	Orser Road	1.45km North of Keeley Road	Hot Mix Asphalt	5250	2027	82.88	82.9	11.8	Preventative Maintenance	HMA-EnhSurf	\$234,755.18
54910	Road 38	Murton Road	0.50km South of Kingston Road	Hot Mix Asphalt	5350	2027	53.36	85	38.9	Major Rehabilitation Treatment	HMA-FDR & EAS & Ovly	\$3,130,148.57
41410	Colebrook Road	1.70km East of Camden Portland Boundary Road	2.70km East of Camden Portland Boundary Road	Surface Treated	1000	2027	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$100,471.35
56405	Rutledge Road	Storm Haven Lane	2.20km East of Sydenham Road	Hot Mix Asphalt	2750	2027	87.76	74.2	7.5	Routine Maintenance	HMA-Crack Seal	\$6,771.97
44935	Ottawa Street	Railway Street	North End of Road	Hot Mix Asphalt	100	2027	79.87	21.7	3.6	Routine Maintenance	HMA-Crack Seal	\$162.36
45985	Stage Coach Road	Railton Road	Campbell Road	Surface Treated	2200	2027	47.59	45.6	24.6	Major Rehabilitation Treatment	ST-FDR & DST	\$221,036.98
40765	Bunker Hill Road	Westport Road	James Wilson Road	Surface Treated	2600	2027	77.08	22.5	4.2	Routine Maintenance	ST-Slurry	\$49,250.66
54565	Perth Road 10	Roushorn Road	Clear Lake Road	Hot Mix Asphalt	500	2027	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$947.13
44710	Notre Dame Street	Colebrook Road	Church Street (Harrowsmith)	Hot Mix Asphalt	350	2027	79.87	27.9	4.6	Routine Maintenance	HMA-Crack Seal	\$662.99
57555	Sydenham Road	1.45km North of Keeley Road	Rutledge Road	Hot Mix Asphalt	350	2027	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$852.42
42460	George Street	Wheatley Street	Portland Avenue	Hot Mix Asphalt	200	2027	87.76	76.9	7.8	Routine Maintenance	HMA-Crack Seal	\$481.68
55175	Road 38	Harrowsmith Road	0.56km North of Harrowsmith Road	Hot Mix Asphalt	560	2027	53.87	98.3	44.4	Major Rehabilitation Treatment	HMA-FDR & 2Ovly	\$690,238.20
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Hot Mix Asphalt	3350	2027	82.88	81.2	11.5	Preventative Maintenance	HMA-EnhSurf	\$113,179.32
56175	Rutledge Road	0.13km West of Sydenham Church Street	Wheatley Street	Hot Mix Asphalt	550	2027	87.57	89.6	9.2	Routine Maintenance	HMA-Crack Seal	\$1,488.34
55945	Road 38	Bradshaw Road	3.30km North of Bradshaw Road	Hot Mix Asphalt	3300	2027	79.83	71	11.9	Preventative Maintenance	HMA-EnhSurf	\$98,373.60
50125	Battersea Road	Moreland Dixon Road	Sunbury Road	Hot Mix Asphalt	500	2027	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$987.72
40180	Arena Boundary Road	2.15km East of Davey Road	Piccadilly Road	Hot Mix Asphalt	450	2027	77.69	25.8	4.8	Routine Maintenance	HMA-Crack Seal	\$730.64
58725	Wilton Road 18	0.65km West of Road 38	0.37km West of Road 38	Hot Mix Asphalt	280	2027	82.6	87.5	12.6	Routine Maintenance	HMA-Crack Seal	\$909.24
43690	Latimer Road	Dover Road	Davidson Road	Surface Treated	950	2027	47.59	45.6	24.6	Major Rehabilitation Treatment	ST-FDR & DST	\$88,105.65
52150	Bellrock Road	Cross Road	Road 38	Hot Mix Asphalt	1300	2027	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$45,212.11
43360	Keeley Road	Sydenham Road	0.30km East of Sydenham Road	Hot Mix Asphalt	300	2027	91.26	45.8	3.3	Routine Maintenance	HMA-Crack Seal	\$608.87
42105	Fawn Brook Drive	Spooner Road	0.40km North of Spooner Road	Hot Mix Asphalt	400	2027	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$649.46
46120	Sydenham Church Street	William Street	Portland Avenue	Hot Mix Asphalt	400	2027	77.69	24	4.4	Routine Maintenance	HMA-Crack Seal	\$649.46
55255	Road 38	0.56km North of Harrowsmith Road	0.70km North of Hinchinbrooke Road	Hot Mix Asphalt	4750	2027	87.76	85	8.6	Routine Maintenance	HMA-Crack Seal	\$10,283.11
51000	Bedford Road	Portland Avenue	Alton Road	Hot Mix Asphalt	1000	2027	87.76	76.9	7.8	Routine Maintenance	HMA-Crack Seal	\$2,164.86
57210	Sydenham Mill Street	Rutledge Road	George Street	Hot Mix Asphalt	400	2027	87.76	70.6	7.2	Routine Maintenance	HMA-Crack Seal	\$963.36
58590	Wilton Road 18	3.6km West of Yarker Road 4	Yarker Road 4	Hot Mix Asphalt	3600	2027	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$6,527.07
56635	Sunbury Road	Battersea Road	0.60km West of Factory Road	Hot Mix Asphalt	3400	2027	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$6,440.47
52035	Bellrock Road	Long Swamp Road	Cross Road	Hot Mix Asphalt	3200	2027	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$6,061.62
53415	Harrowsmith Road	0.45km East of Road 38	Loughborough Portland Road	Hot Mix Asphalt	3200	2027	87.76	74.2	7.5	Routine Maintenance	HMA-Crack Seal	\$8,659.46
58130	Westport Road	1.10km East of Lee Road	0.76km West of Bresee Road	Hot Mix Asphalt	1300	2027	83.77	57.3	7.7	Routine Maintenance	HMA-Crack Seal	\$3,166.11
46712	Wilmer Road	Perth Road 10	Perth Road Crescent	Hot Mix Asphalt	50	2027	83.2	29.8	4.1	Routine Maintenance	HMA-Crack Seal	\$94.71
51345	Bedford Road	1.5km North of Freeman Road	Busch Lane	Surface Treated	4050	2027	46.88	57.1	31.5	Major Rehabilitation Treatment	ST-FDR & DST	\$375,608.29
45730	Sarah Street	Water Street	Battersea Road	Hot Mix Asphalt	200	2027	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$378.85
50000	Battersea Road	4.30km South of Moreland Dixon Road	Moreland Dixon Road	Hot Mix Asphalt	4300	2027	78.69	74.2	13.1	Routine Maintenance	HMA-Crack Seal	\$8,378.02
42145	First Lake Road	Bellrock Mill Street	0.70km North of Bellrock Mill Street	Surface Treated	700	2027	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$13,259.79
45235	Railton Road	Stage Coach Road	0.55km East of Stage Coach Road	Surface Treated	550	2027	83.21	42.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$15,545.46
54450	Perth Road 10	4.10km North of Perth Road Crescent	9.60km North of Perth Road Crescent	Hot Mix Asphalt	5500	2027	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$191,282.00
46495	Wellington Street	Battersea Road	United Street	Hot Mix Asphalt	250	2027	81.45	29.8	4.6	Routine Maintenance	HMA-Crack Seal	\$73.56
55830	Road 38	0.80km North of Snider Road	Piccadilly Road	Hot Mix Asphalt	750	2027	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$1,420.69
41935	Deyos Road	Morey Lane	James Wilson Road	Surface Treated	2500	2028	45.32	22.5	13	Major Rehabilitation Treatment	ST-FDR & DST	\$177,370.58
43615	Lakefield Drive	1.30km South of Holmes Road	Holmes Road	Surface Treated	1300	2028	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$102,480.78
50375	Battersea Road	Larry York Road	Sarah Street	Hot Mix Asphalt	2050	2028	78.69	81.2	14.4	Preventative Maintenance	HMA-EnhSurf	\$72,721.94
42910	Hinchinbrooke Road	Moore Farm Lane	Desert Lake Road	Surface Treated	4400	2028	72.36	17.5	4	Minor Rehabilitation Treatment	ST-SST	\$118,922.75
40615	Bradshaw Road	Road 38	Bob's Lake Road	Hot Mix Asphalt	900	2028	83.45	29	3.9	Routine Maintenance	HMA-Crack Seal	\$1,738.93
40525	Boyce Road	0.7km West of Road 38	Road 38	Hot Mix Asphalt	680	2028	76.15	32.1	6.3	Routine Maintenance	HMA-Crack Seal	\$1,032.32
46750	Wolfe Swamp Road	Colebrook Road	Petworth Road	Surface Treated	2900	2028	33.52	25.6	19.4	Major Rehabilitation Treatment	ST-FDR & DST	\$274,333.17
58935	Yarker Road 4	Wilton Road 18	Road 38	Hot Mix Asphalt	2050	2028	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$3,791.14
42340	Freeman Road	Gould Lake Road	Bedford Road	Surface Treated	1950	2028	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$184,465.40
46405	Washburn Road	Battersea Road	Ida Hill Road	Surface Treated	2000	2028	38.61	29.6	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$189,195.29
58820	Yarker Road 4	Camden Portland Boundary Road	Wilton Road 18	Hot Mix Asphalt	3750	2028	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$190,039.91
43870	Leveque Road	0.10km North of Bellrock Mill Street	Bellrock Pero Road	Surface Treated	1000	2028	41.22	9.6	6.1	Major Rehabilitation Treatment	ST-FDR & DST	\$94,597.64
40945	Camden Portland Boundary Road	Colebrook Road	Petworth Road	Surface Treated	2100	2028	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$56,758.59
40465	Bellrock Pepper Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	100	2028	74.72	12.9	2.7	Preventative Maintenance	HMA-Slurry	\$1,182.47
44440	Morrison Road	West End of Road	Wilmer Road	Surface Treated	1200	2028	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$104,057.41
50625	Battersea Road	Burnt Hills Road	1.70km North of Burnt Hills Road	Surface Treated	1700	2028	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$45,947.43
41290	Church Street (Harrowsmith)	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2028	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$276.02
50500	Battersea Road	0.10km North of Sarah Street	Burnt Hills Road	Hot Mix Asphalt	2300	2028	79.83	67.9	11.4	Preventative Maintenance	HMA-EnhSurf	\$69,934.69
58705	Wilton Road 18	Yarker Road 4	0.									

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
54795	Perth Road 10	0.85km North of McComish Lane	6.00km North of McComish Lane	Hot Mix Asphalt	5150	2028	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$182,691.70
58775	Wilton Road 18	0.12km West of Road 38	Road 38	Hot Mix Asphalt	120	2028	82.6	87.5	12.6	Preventative Maintenance	HMA-EnhSurf	\$6,689.40
45085	Pine Ridge Road	Road 38	East End of Road	Hot Mix Asphalt	450	2028	89.93	21.7	1.8	Routine Maintenance	HMA-Crack Seal	\$621.05
46000	Stage Coach Road	Campbell Road	Rutledge Road	Hot Mix Asphalt	650	2028	79.93	49.8	8.3	Preventative Maintenance	HMA-EnhSurf	\$23,058.18
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Hot Mix Asphalt	850	2028	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$29,291.48
44590	New Morin Road	Vanluven Road	Holleford Road	Surface Treated	1700	2028	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$160,815.99
56290	Rutledge Road	Wheatley Street	Storm Haven Lane	Hot Mix Asphalt	1100	2028	78.32	89.6	16.1	Preventative Maintenance	HMA-EnhSurf	\$57,974.84
42970	Holleford Road	Road 38	0.15km East of Road 38	Hot Mix Asphalt	150	2028	77.03	32.9	6.2	Preventative Maintenance	HMA-EnhSurf	\$6,081.28
41440	Colebrook Road	3.80km East of Camden Portland Boundary Road	5.30km East of Camden Portland Boundary Road	Surface Treated	1500	2028	41.22	31.9	20.5	Major Rehabilitation Treatment	ST-FDR & DST	\$153,721.17
51460	Bedford Road	Busch Lane	Salmon Lake Road	Surface Treated	2400	2028	75.04	54	11.2	Minor Rehabilitation Treatment	ST-SST	\$75,678.11
45475	River Road	West End of Road	Petworth Road	Surface Treated	250	2028	41.22	20.4	13.1	Major Rehabilitation Treatment	ST-FDR & DST	\$15,766.27
56520	Rutledge Road	2.20km East of Sydenham Road	Perth Road 10	Hot Mix Asphalt	5850	2028	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$10,818.61
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Hot Mix Asphalt	300	2028	83.77	60.4	8.1	Routine Maintenance	HMA-Crack Seal	\$662.45
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2028	82.88	76.2	10.8	Preventative Maintenance	HMA-EnhSurf	\$49,663.76
40870	Burnt Hills Road	0.61km West of Carrying Place Road	0.49km East of Rideau Road	Surface Treated	1700	2028	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$134,013.33
41680	Davey Drive	South End of Road	Maple Drive	Hot Mix Asphalt	450	2028	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$869.46
41425	Colebrook Road	2.70km East of Camden Portland Boundary Road	3.80km East of Camden Portland Boundary Road	Surface Treated	1100	2028	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$112,728.86
45265	Railton Road	Sydenham Road	0.05km East of Sydenham Road	Hot Mix Asphalt	50	2028	82.2	45.8	6.8	Preventative Maintenance	HMA-Slurry	\$1,241.59
40201	Burnt Hills Road	1.8km East of Battersea Road	5.0km East of Battersea Road	Surface Treated	3250	2028	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$307,442.34
54105	Perth Road 10	Perth Road Crescent	1.40km North of Perth Road Crescent	Hot Mix Asphalt	1400	2028	79.83	74.2	12.4	Preventative Maintenance	HMA-EnhSurf	\$70,948.23
41200	Cemetery Road	Water Street	North End of Road	Hot Mix Asphalt	50	2028	76.15	12.9	2.5	Routine Maintenance	HMA-Crack Seal	\$69.01
46330	Verona Street	Verona Sand Road	North End of Road	Hot Mix Asphalt	900	2028	89.93	24.8	2	Routine Maintenance	HMA-Crack Seal	\$1,490.51
44170	Mary Moore Road	Church Road (Bellrock)	2.07km North of Church Road (Bellrock)	Surface Treated	2200	2028	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$190,771.91
40630	Bradshaw Road	Bob's Lake Road	Steele Road	Hot Mix Asphalt	1250	2028	79.39	29	4.9	Routine Maintenance	HMA-Crack Seal	\$2,415.18
40285	Bank Street	Road 38	Revell Road	Hot Mix Asphalt	400	2028	89.93	21.7	1.8	Routine Maintenance	HMA-Crack Seal	\$662.45
44065	Main Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	450	2028	89.93	21.7	1.8	Routine Maintenance	HMA-Crack Seal	\$496.84
40690	Brewery Street	William Street	Sydenham Mill Street	Hot Mix Asphalt	200	2028	81.45	24.8	3.8	Routine Maintenance	HMA-Crack Seal	\$386.43
55370	Road 38	0.70km North of Hinchinbrooke Road	Verona Sand Road	Hot Mix Asphalt	3900	2028	87.76	85	8.6	Routine Maintenance	HMA-Crack Seal	\$8,073.59
57325	Sydenham Road	Horning Road	2.00km North of Horning Road	Hot Mix Asphalt	2000	2028	82.88	85	12.1	Preventative Maintenance	HMA-EnhSurf	\$91,219.16
43975	Loughborough Portland Road	Harrowsmith Road	Alton Road	Surface Treated	1400	2028	72.36	45.6	10.5	Minor Rehabilitation Treatment	ST-SST	\$37,839.06
46135	Sydenham Cross Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2028	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$252.56
46690	Wilmer Road	Ritchie Road	Norway Road	Surface Treated	1750	2028	45.32	25.6	14.8	Major Rehabilitation Treatment	ST-FDR & DST	\$137,954.90
43495	Kingston Road	Road 38	Harrowsmith Road	Hot Mix Asphalt	300	2028	89.93	27.9	2.3	Routine Maintenance	HMA-Crack Seal	\$579.64
41305	Church Street (Harrowsmith)	Road 38	East End of Road	Hot Mix Asphalt	200	2028	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$386.43
45070	Piccadilly Road	Road 38	Arena Boundary Road	Hot Mix Asphalt	150	2028	76.15	29	5.7	Routine Maintenance	HMA-Crack Seal	\$248.42
42445	George Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2028	82.88	76.9	10.9	Preventative Maintenance	HMA-EnhSurf	\$5,929.25
52495	Desert Lake Road	Road 38	0.15km West of High Falls Road	Surface Treated	2950	2028	75.04	52.1	10.8	Minor Rehabilitation Treatment	ST-SST	\$79,732.30
50750	Battersea Road	2.30km North of Burnt Hills Road	4.50km North of Burnt Hills Road	Surface Treated	2200	2028	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$69,371.61
50250	Battersea Road	Sunbury Road	Larry York Road	Hot Mix Asphalt	5200	2028	83.77	74.2	10	Preventative Maintenance	HMA-EnhSurf	\$176,559.74
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorn Road	Hot Mix Asphalt	1200	2028	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$41,960.81
43645	Lakeview Drive	Salmon Drive	Pine Ridge Road	Hot Mix Asphalt	150	2028	76.15	12.9	2.5	Routine Maintenance	HMA-Crack Seal	\$248.42
46450	Washburn Road	1.00km East of Factory Road	East End of Road	Surface Treated	3150	2028	42.66	29.6	18.4	Major Rehabilitation Treatment	ST-FDR & DST	\$297,982.58
40345	Battersea Water Street	North End of Road	Battersea Road	Hot Mix Asphalt	100	2028	79.87	21.7	3.6	Routine Maintenance	HMA-Crack Seal	\$193.21
40966	Milburn Road	Battersea Road	Ida Hill Road	Surface Treated	850	2028	45.32	31.9	18.4	Major Rehabilitation Treatment	ST-FDR & DST	\$80,408.00
41788	Deer Creek Drive	0.4km North of Spooner Road	Whitetail Court	Hot Mix Asphalt	560	2028	77.69	20.8	3.8	Routine Maintenance	HMA-Crack Seal	\$927.43
46545	Whitetail Court	Fawn Brook Drive	North End of Road	Hot Mix Asphalt	240	2028	79.39	16.7	2.8	Routine Maintenance	HMA-Crack Seal	\$397.47
56405	Rutledge Road	Storm Haven Lane	2.20km East of Sydenham Road	Hot Mix Asphalt	2750	2028	82.88	74.2	10.5	Preventative Maintenance	HMA-EnhSurf	\$126,819.97
55715	Road 38	Desert Lake Road	0.80km North of Snider Road	Hot Mix Asphalt	3100	2028	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$6,845.30
40765	Bunker Hill Road	Westport Road	James Wilson Road	Surface Treated	2600	2028	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$58,560.45
54565	Perth Road 10	Roushorn Road	Clear Lake Road	Hot Mix Asphalt	500	2028	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$17,737.06
57555	Sydenham Road	1.45km North of Keeley Road	Rutledge Road	Hot Mix Asphalt	350	2028	82.88	82.9	11.8	Preventative Maintenance	HMA-EnhSurf	\$15,963.35
42460	George Street	Wheatley Street	Portland Avenue	Hot Mix Asphalt	200	2028	82.88	76.9	10.9	Preventative Maintenance	HMA-EnhSurf	\$9,020.56
42280	Four Seasons Drive	Holmes Road	North End of Road	Hot Mix Asphalt	1350	2028	79.39	24	4.1	Routine Maintenance	HMA-Crack Seal	\$2,235.76
42760	Henderson Road	Wilton Road 18	Yarker Road 4	Surface Treated	1600	2028	29.94	23.8	18.6	Major Rehabilitation Treatment	ST-FDR & DST	\$148,833.63
44095	Maple Drive	Road 38	East End of Road	Hot Mix Asphalt	550	2028	81.3	24	3.7	Routine Maintenance	HMA-Crack Seal	\$910.87
40705	Buck Bay Road	Westport Road	0.3km North of Westport Road	Hot Mix Asphalt	200	2028	79.39	32.1	5.5	Routine Maintenance	HMA-Crack Seal	\$331.22
56175	Rutledge Road	0.13km West of Sydenham Church Street	Wheatley Street	Hot Mix Asphalt	550	2028	82.6	89.6	12.9	Preventative Maintenance	HMA-EnhSurf	\$27,872.52
45190	Quinn Road East	Road 38	East End of Road	Surface Treated	1600	2028	41.22	22.5	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$131,175.40
42985	Holleford Road	0.15km East of Road 38	Vanluven Road	Surface Treated	1600	2028	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$151,356.23
42108	Fawn Brook Drive	0.40km North of Spooner Road	Whitetail Court	Hot Mix Asphalt	260	2028	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$430.59
46165	Sydenham Walker Road	Rock Quarry Lane	Sydenham Church Street	Hot Mix Asphalt	400	2028	76.15	29	5.7	Preventative Maintenance	HMA-Slurry	\$9,459.76
40315	Battersea Cross Street	Wellington Street	Battersea Road	Hot Mix Asphalt	100	2028	79.87	21.7	3.6	Routine Maintenance	HMA-Crack Seal	\$165.61
41110	Canoe Lake Road	3.0km South of Westport Road	3.4km South of Westport Road	Hot Mix Asphalt	350	2028	83.45	25.8	3.5	Routine Maintenance	HMA-Crack Seal	\$579.64
44140	Maria Street	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2028	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$220.82
46390	Walsh Road	Perth Road 10	0.15km East of Perth Road 10	Hot Mix Asphalt	650	2028	77.69	12.9	2.4	Routine Maintenance	HMA-Crack Seal	\$717.65
50125	Battersea Road	Moreland Dixon Road	Sunbury Road	Hot Mix Asphalt	500	2028	82.6	87.5	12.6	Preventative Maintenance	HMA-EnhSurf	\$18,497.22
42085	Factory Road	Washburn Road	Sunbury Road	Surface Treated	1400	2028	29.94	20.4	16	Major Rehabilitation Treatment	ST-FDR & DST	\$121,400.31
44755	Oak Bluffs Road	South End of Road	Alf Patterson Road	Hot Mix Asphalt	3050	2028	83.45	23.8	3.2	Routine Maintenance	HMA-Crack Seal	\$5,051.17
40585	Bradford Road	2.00km East of Camden Portland Boundary Road	Wolfe Swamp Road	Surface Treated	2500	2028	47.59	39.4	21.2	Major Rehabilitation Treatment	ST-FDR & DST	\$236,494.11
58725	Wilton Road 18	0.65km East of Road 38	0.37km West of Road 38	Hot Mix Asphalt	280	2028	78.32	87.5	15.8	Preventative Maintenance	HMA-EnhSurf	\$17,027.58
50675	Battersea Road	1.70km North of Burnt Hills Road	2.30km North of Burnt Hills Road	Surface Treated	600	2028	75.04	62.3	12.9	Minor Rehabilitation Treatment	ST-SST	\$16,216.74
41785	Deer Creek Drive	Spooner Road	0.4km North of Spooner Road	Surface Treated	400	2028	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$10,811.16
44035	Lower Round Lake Road	Ernie Road	East End of Road	Surface Treated	1450	2028	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$141,738.80
46120	Sydenham Church Street	William Street	Portland Avenue	Hot Mix Asphalt	400	2028	76.15	24	4.7	Preventative Maintenance	HMA-Slurry	\$9,459.76
40060	Amelia Street	Brewery Street	William Street	Hot Mix Asphalt	200	2028	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$463.71
40435	Bellrock Mill Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	250	2028	89.93	21.7	1.8	Routine Maintenance	HMA-Crack Seal	\$345.03
41395	Colebrook Road	Camden Portland Boundary Road	1.70km East of Camden Portland Boundary Road	Surface Treated	1700	2028	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$174,217.33
46270	Trousdale Road	Hinchinbrooke Road	Holleford Road	Surface Treated	1700	2028	31.08	23.3	18.1	Major Rehabilitation Treatment	ST-FDR & DST	\$166,176.53
41800	Deer Run Way	Fox Ridge Trail	Bedford Road	Hot Mix Asphalt	450	2028	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$745.25
51000	Bedford Road	Portland Avenue	Alton Road	Hot Mix Asphalt	1000	2028	82.88	76.9	10.9	Preventative Maintenance	HMA-EnhSurf	\$40,541.85
51690	Bedford Road	1.00km North of Salmon Lake Road	Desert Lake Road	Surface Treated	3600	2028	75.04	50.8	10.5	Minor Rehabilitation Treatment	ST-SST	\$97,300.43
45700	Verona Sand Road	McMahon Drive	Road 38	Hot Mix Asphalt	250	2028	89.93	32.9	2.7	Routine Maintenance	HMA-Crack Seal	\$462.33
57210	Sydenham Mill Street	Rutledge Road	George Street	Hot Mix Asphalt	400	2028	82.88	70.6	10	Preventative Maintenance	HMA-EnhSurf	\$18,041.12
40045	Alton Road	Loughborough Portland Road	Bedford Road	Surface Treated	3700	2028	47.59	42.5	22.9	Major Rehabilitation Treatment	ST-FDR & DST	\$350,011.28
41155	Carrying Place Road	South End of Road	1.0km South of Burnt Hills Road	Surface Treated	4800	2028	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$129,733.91
46180	Sydenham William Street	Rutledge Road	Sydenham Mill Street	Hot Mix Asphalt	500	2028	89.97	44.8	3.7	Routine Maintenance	HMA-Crack Seal	\$1,076.48
43765	Latimer Road	Perth Road 10	Round Lake Road	Hot Mix Asphalt	450	2028	89.93	31	2.6	Routine Maintenance	HMA-Crack Seal	\$745.25
58590	Wilton Road 18	3.6km West of Yarker Road 4	Yarker Road 4	Hot Mix Asphalt	3600	2028	79.83	71	11.9	Preventative Maintenance	HMA-EnhSurf	\$122,233.67
44695	Norway Road	McFadden Road	Wilmer Road	Surface Treated	1900	2028	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$149,779.60
56635	Sunbury Road	Battersea Road	0.60km West of Factory Road	Hot Mix Asphalt	3400	2028	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$120,612.00
52035	Bellrock Road	Long Swamp Road	Cross Road	Hot Mix Asphalt	3200	2028	79.83	71	11.9	Preventative Maintenance	HMA-EnhSurf	\$113,517.17
53415	Harrowsmith Road	0.45km East of Road 38	Loughborough Portland Road	Hot Mix Asphalt	3200	2028	82.88	74.2	10.5	Preventative Maintenance	HMA-EnhSurf	\$162,167.39
58130	Westport Road	1.10km East of Lee Road	0.76km West of Breesee Road	Hot Mix Asphalt	1300	2028	79.83	57.3	9.6	Preventative Maintenance	HMA-EnhSurf	\$59,292.45
50000	Battersea Road	4.30km South of Moreland Dixon Road	Moreland Dixon Road	Hot Mix Asphalt	4300	2028	75.1	74.2	15.3	Preventative Maintenance	HMA-EnhSurf	\$156,896.95
46710	Wilmer Road	0.05km West of Perth Road 10	Perth Road 10	Hot Mix Asphalt	50	2028	79.87	29.8	4.9	Preventative Maintenance	HMA-EnhSurf	\$1,

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
56980	Sunbury Road	Brewer Lake Road	1.30km East of Brewer Lake Road	Surface Treated	1300	2028	71.19	67.7	16.2	Preventative Maintenance	HMA-EnhSurf	\$46,116.35
41275	Church Road (Bellrock)	Bellrock Road	Mary Moore Road	Surface Treated	1500	2029	45.32	22.5	13	Major Rehabilitation Treatment	ST-FDR & DST	\$120,612.00
40525	Boyce Road	0.7km West of Road 38	Road 38	Hot Mix Asphalt	680	2029	74.72	32.1	6.7	Preventative Maintenance	HMA-Slurry	\$15,036.30
42370	Frontenac Road	Mount Chesney Road	Battersea Road	Surface Treated	500	2029	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$44,224.40
53990	Perth Road 10	North Shore Crescent	Perth Road Crescent	Hot Mix Asphalt	5300	2029	87.76	74.2	7.5	Routine Maintenance	HMA-Crack Seal	\$10,197.46
58935	Yarker Road 4	Wilton Road 18	Road 38	Hot Mix Asphalt	2050	2029	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$70,997.39
44545	Murvale Road	Murton Road	Scanlan Road	Surface Treated	1550	2029	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$46,292.03
44155	Mary Moore Road	2.07km North of Church Road (Bellrock)	3.17km North of Church Road (Bellrock)	Surface Treated	1100	2029	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$106,138.56
46510	Wellington Street	United Street	Milburn Road	Surface Treated	550	2029	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$53,069.28
44230	McConnell Road	South End of Road	Clark Road	Surface Treated	1600	2029	45.32	20.6	11.9	Major Rehabilitation Treatment	ST-FDR & DST	\$102,922.24
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2029	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$402.04
53185	Desert Lake Road	1.90km West of Bedford Road	1.70km West of Bedford Road	Surface Treated	200	2029	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$5,513.69
45415	Rideau Road	Burnt Hills Road	0.75km North of Burnt Hills Road	Surface Treated	950	2029	45.32	22.5	13	Major Rehabilitation Treatment	ST-FDR & DST	\$76,387.60
44650	North Shore Road	North Shore Crescent	Hewlett Packard Road	Surface Treated	5800	2029	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$559,639.66
57095	Sunbury Road	Hitchcock Drive	Brewer Lake Road	Surface Treated	1400	2029	71.19	67.7	16.2	Preventative Maintenance	HMA-EnhSurf	\$50,657.04
44560	Murvale Road	Scanlan Road	Amey Road	Surface Treated	1400	2029	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$41,812.16
44995	Perth Road Crescent	Perth Road 10	Perth Road 10	Hot Mix Asphalt	600	2029	77.03	26.7	5.1	Preventative Maintenance	HMA-EnhSurf	\$21,710.16
40825	Burnt Hills Road	1.2km East of Battersea Road	1.4km East of Battersea Road	Surface Treated	200	2029	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$19,297.92
40967	Milburn Road	2.9km East of Battersea Road	0.45km East of Ormsbee Road	Surface Treated	1450	2029	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$39,974.26
52840	Desert Lake Road	Bauder Drive	Deyos Road	Surface Treated	2200	2029	80.03	49	8.1	Minor Rehabilitation Treatment	ST-SST	\$70,759.04
58360	Westport Road	Bresee Road	Concession 12	Surface Treated	1400	2029	79.83	57.1	9.5	Routine Maintenance	HMA-Crack Seal	\$2,814.28
46705	Wilmer Road	Norway Road	0.05km West of Perth Road 10	Surface Treated	700	2029	49.57	25.6	12.9	Major Rehabilitation Treatment	ST-FDR & DST	\$56,285.60
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2029	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$865.82
56520	Rutledge Road	2.20km East of Sydenham Road	Perth Road 10	Hot Mix Asphalt	5850	2029	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$202,602.31
58015	Westport Road	0.20km East of Burrigge Road	1.10km East of Lee Road	Surface Treated	2500	2029	75.04	54	11.2	Minor Rehabilitation Treatment	ST-SST	\$80,408.00
40810	Burnt Hills Road	Battersea Road	1.2km East of Battersea Road	Surface Treated	1200	2029	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$115,787.52
46645	William Street	Rutledge Road	Church Street (Harrowsmith)	Hot Mix Asphalt	200	2029	78.41	26.7	4.7	Routine Maintenance	HMA-Crack Seal	\$402.04
43120	Holmes Road	Davidson Road	Latimer Road	Surface Treated	1400	2029	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$157,599.67
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Hot Mix Asphalt	300	2029	79.83	60.4	10.1	Preventative Maintenance	HMA-EnhSurf	\$12,405.81
53530	Moreland Dixon Road	Perth Road 10	Battersea Road	Hot Mix Asphalt	4150	2029	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$7,984.80
53300	Desert Lake Road	1.70km West of Bedford Road	Bedford Road	Surface Treated	1700	2029	70.1	45.8	11.4	Minor Rehabilitation Treatment	ST-SST	\$54,677.44
46540	Wheatley Street	Rutledge Road	George Street	Hot Mix Asphalt	550	2029	65.21	24.8	7.6	Preventative Maintenance	HMA-EnhSurf	\$22,175.38
44530	Murton Road	1.35km East of Road 38	Murvale Road	Surface Treated	900	2029	29.94	28.8	22.6	Major Rehabilitation Treatment	ST-FDR & DST	\$94,077.36
43600	Lakefield Drive	2.00km South of Holmes Road	1.30km South of Holmes Road	Surface Treated	700	2029	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$67,542.72
53645	Perth Road 10	Spooner Road	Moreland Dixon Road	Hot Mix Asphalt	5400	2029	87.76	85	8.6	Routine Maintenance	HMA-Crack Seal	\$13,956.53
40510	Boyce Road	Watson Road	0.7km West of Road 38	Surface Treated	1780	2029	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$49,071.85
54220	Perth Road 10	1.40km North of Perth Road Crescent	3.90km North of Perth Road Crescent	Hot Mix Asphalt	2500	2029	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$5,025.50
52610	Desert Lake Road	0.15km West of High Falls Road	0.15km East of High Falls Road	Surface Treated	300	2029	85.04	52.1	6.4	Minor Rehabilitation Treatment	ST-SST	\$9,648.96
55150	Road 38	Wilton Road 18	Harrowsmith Road	Hot Mix Asphalt	80	2029	87.57	98.3	10.1	Routine Maintenance	HMA-Crack Seal	\$287.17
41485	Collins Drive	Autumn Ridge Drive	West End of Road	Surface Treated	150	2029	37.28	9.6	6.8	Major Rehabilitation Treatment	ST-FDR & DST	\$16,885.68
54680	Perth Road 10	Clear Lake Road	McComish Lane	Hot Mix Asphalt	2100	2029	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$6,030.60
42115	Fellows Road	West End of Road	Murvale Road	Surface Treated	800	2029	29.94	9.6	7.5	Major Rehabilitation Treatment	ST-FDR & DST	\$51,461.12
44020	Lower Round Lake Road	Round Lake Road	Ernie Road	Surface Treated	2100	2029	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$222,890.97
46435	Washburn Road	Factory Road	1.00km East of Factory Road	Surface Treated	1000	2029	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$96,489.60
44410	Milburn Road	1.80km South of Wellington Street	Wellington Street	Surface Treated	1800	2029	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$49,623.22
43105	Holmes Road	Silverwood Drive	Davidson Road	Surface Treated	900	2029	41.22	31.9	20.5	Major Rehabilitation Treatment	ST-FDR & DST	\$86,840.64
45100	Point Road	Wheatley Street	East End of Road	Hot Mix Asphalt	250	2029	68.66	21.7	5.7	Preventative Maintenance	HMA-EnhSurf	\$13,439.62
41725	Davidson Road	Mowoods Lane	Latimer Road	Surface Treated	1300	2029	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$35,838.99
42640	Green Bay Road	Burns Road	Burrigge Road	Surface Treated	2900	2029	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$279,819.83
46675	Wilmer Road	McFadden Road	Ritchie Road	Surface Treated	800	2029	45.32	25.6	14.8	Major Rehabilitation Treatment	ST-FDR & DST	\$64,326.40
45070	Piccadilly Road	Road 38	Arena Boundary Road	Hot Mix Asphalt	150	2029	74.72	29	6.1	Preventative Maintenance	HMA-Slurry	\$3,618.36
40975	Campbell Road	Murvale Road	Stage Coach Road	Surface Treated	2000	2029	67.66	28.8	8	Minor Rehabilitation Treatment	ST-SST	\$58,812.71
58475	Westport Road	Concession 12	Devil Lake Road	Surface Treated	1350	2029	79.83	57.1	9.5	Routine Maintenance	HMA-Crack Seal	\$2,713.77
45970	Stage Coach Road	Orser Road	Railton Road	Surface Treated	2900	2029	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$261,165.17
43060	Holleford Road	Deer Park Lane	Desert Lake Road	Surface Treated	2700	2029	29.94	25.6	20.1	Major Rehabilitation Treatment	ST-FDR & DST	\$303,942.23
40000	Abernathy Road	Ida Hill Road	0.8km East of Ida Hill Road	Surface Treated	800	2029	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$22,054.76
57440	Sydenham Road	Orser Road	1.45km North of Keeley Road	Hot Mix Asphalt	5250	2029	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$13,568.85
57900	Westport Road	New Road	0.20km East of Burrigge Road	Surface Treated	3400	2029	75.04	54	11.2	Minor Rehabilitation Treatment	ST-SST	\$109,354.88
53875	Perth Road 10	0.70km North of Moreland Dixon Road	North Shore Crescent	Hot Mix Asphalt	3100	2029	53.36	85	38.9	Major Rehabilitation Treatment	HMA-FDR & EAS & Ovly	\$1,651,129.97
40075	Amey Road	West End of Road	Murvale Road	Surface Treated	950	2029	49.57	22.5	11.4	Major Rehabilitation Treatment	ST-FDR & DST	\$61,110.08
45280	Railton Road	0.05km East of Sydenham Road	Cliffs Drive	Surface Treated	2900	2029	47.59	45.6	24.6	Major Rehabilitation Treatment	ST-FDR & DST	\$298,474.48
54910	Road 38	Murton Road	0.50km South of Kingston Road	Hot Mix Asphalt	5350	2029	87.76	85	8.6	Routine Maintenance	HMA-Crack Seal	\$12,290.94
40150	Arena Boundary Road	Snider Road	Davey Road	Surface Treated	2150	2029	45.32	22.5	13	Major Rehabilitation Treatment	ST-FDR & DST	\$172,877.19
44935	Ottawa Street	Railway Street	North End of Road	Hot Mix Asphalt	100	2029	77.03	21.7	4.1	Routine Maintenance	HMA-Crack Seal	\$172.30
55715	Road 38	Desert Lake Road	0.80km North of Snider Road	Hot Mix Asphalt	3100	2029	82.88	82.9	11.8	Preventative Maintenance	HMA-EnhSurf	\$128,193.32
40360	Bauder Road	Desert Lake Road	East End of Road	Surface Treated	1200	2029	49.57	22.5	11.4	Major Rehabilitation Treatment	ST-FDR & DST	\$77,191.68
44710	Notre Dame Street	Colebrook Road	Church Street (Harrowsmith)	Hot Mix Asphalt	350	2029	77.03	27.9	5.3	Routine Maintenance	HMA-Crack Seal	\$703.57
42475	German Road	Long Swamp Road	0.20km South of Long Swamp Road	Surface Treated	200	2029	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$4,870.43
41755	Davidson Road	Perth Road 10	Holmes Road	Surface Treated	500	2029	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$48,244.80
44635	North Shore Crescent	Perth Road 10	Perth Road 10	Surface Treated	1100	2029	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$106,138.56
51575	Bedford Road	Salmon Lake Road	1.00km North of Salmon Lake Road	Surface Treated	1000	2029	70.1	50.8	12.6	Minor Rehabilitation Treatment	ST-SST	\$27,568.46
42520	Goodrich Street	Percy Street	Main Street	Hot Mix Asphalt	100	2029	83.45	12.9	1.7	Routine Maintenance	HMA-Crack Seal	\$114.87
55175	Road 38	Harrowsmith Road	0.56km North of Harrowsmith Road	Hot Mix Asphalt	560	2029	87.57	98.3	10.1	Routine Maintenance	HMA-Crack Seal	\$2,010.20
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Hot Mix Asphalt	3350	2029	87.76	81.2	8.2	Routine Maintenance	HMA-Crack Seal	\$6,541.76
41650	Daley Road	0.60km North of Railton Road	North End of Road	Surface Treated	500	2029	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$13,784.23
55945	Road 38	Bradshaw Road	3.30km North of Bradshaw Road	Hot Mix Asphalt	3300	2029	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$5,685.99
43990	Loughborough Portland Road	Alton Road	Jamieson Road	Surface Treated	1350	2029	72.36	42.5	9.7	Minor Rehabilitation Treatment	ST-SST	\$37,217.42
42025	Easy Street	West End of Road	Road 38	Surface Treated	100	2029	23.37	9.6	7.9	Major Rehabilitation Treatment	ST-FDR & DST	\$8,040.80
45805	Short Street	Bank Street	North End of Road	Surface Treated	50	2029	72.36	17.5	4	Minor Rehabilitation Treatment	ST-SST	\$1,148.69
40240	Autumn Ridge Drive	Middle Woodland Drive	South End of Road	Surface Treated	300	2029	45.32	9.6	5.5	Major Rehabilitation Treatment	ST-FDR & DST	\$34,736.25
40180	Arena Boundary Road	2.15km East of Davey Road	Piccadilly Road	Hot Mix Asphalt	450	2029	74.72	25.8	5.4	Preventative Maintenance	HMA-Slurry	\$10,855.08
52150	Bellrock Road	Cross Road	Road 38	Hot Mix Asphalt	1300	2029	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$2,613.26
43300	Jamieson Road	Road 38	1.30km East of Road 38	Surface Treated	1300	2029	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$125,436.47
43165	Holmes Road	Perth Road 10	Lakefield Drive	Surface Treated	1400	2029	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$141,839.71
43360	Keeley Road	Sydenham Road	0.30km East of Sydenham Road	Hot Mix Asphalt	300	2029	84.78	45.8	5.8	Routine Maintenance	HMA-Crack Seal	\$646.14
53070	Desert Lake Road	2.55km West of Bedford Road	1.90km West of Bedford Road	Surface Treated	650	2029	70.1	49	12.2	Minor Rehabilitation Treatment	ST-SST	\$20,906.08
55255	Road 38	0.56km North of Harrowsmith Road	0.70km North of Hinchinbrooke Road	Hot Mix Asphalt	4750	2029	78.69	85	15	Routine Maintenance	HMA-Crack Seal	\$10,912.51
43585	Lakefield Drive	South End of Road	Holmes Road	Surface Treated	600	2029	49.57	28.8	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$57,893.76
43195	Holmes Road	Davidson Road	Moreland Dixon Road	Surface Treated	600	2029	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$57,893.76
43180	Holmes Road	Lakefield Drive	Davidson Road	Surface Treated	1500	2029	49.57	31.9	16.1	Major Rehabilitation Treatment	ST-FDR & DST	\$144,734.39
44380	Middle Woodlands Drive	Autumn Ridge Drive	South End of Road	Surface Treated	500	2029	37.28	9.6	6.8	Major Rehabilitation Treatment	ST-FDR & DST	\$56,285.60
56865	Sunbury Road	0.65km West of Hitchcock Drive	Hitchcock Drive	Surface Treated	700	2029	71.19	67.7	16.2	Preventative Maintenance	HMA-EnhSurf	\$25,328.52
52955	Desert Lake Road	Deyos Road	Holleford Road	Surface Treated	2800	2029	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$90,056.96
52725	Desert Lake Road	0.15km East of High Falls Road	Bauder Drive	Surface Treated	1550	2029	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$49,852.96
41170	Carrying Place Road	1.0km South of Burnt Hills Road	Burnt Hills Road	Surface Treated	1050	2029	72.36					

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
54450	Perth Road 10	4.10km North of Perth Road Crescent	9.60km North of Perth Road Crescent	Hot Mix Asphalt	5500	2029	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$11,056.10
41695	Davidson Road	Latimer Road	Holmes Road	Surface Treated	1000	2029	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$102,922.24
46495	Wellington Street	Battersea Road	United Street	Hot Mix Asphalt	250	2029	78.41	29.8	5.3	Routine Maintenance	HMA-Crack Seal	\$502.55
45955	Spooner Road	Perth Road 10	East End of Road	Surface Treated	550	2030	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$54,130.66
44920	Orser Road	Stage Coach Road	1.20km East of Stage Coach Road	Surface Treated	1200	2030	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$127,945.20
43480	Kingsmere Drive	Railton Road	North End of Road	Surface Treated	700	2030	63.01	15.4	5.2	Minor Rehabilitation Treatment	ST-SST	\$19,683.88
50375	Battersea Road	Larry York Road	Sarah Street	Hot Mix Asphalt	2050	2030	87.76	81.2	8.2	Routine Maintenance	HMA-Crack Seal	\$4,120.91
40615	Bradshaw Road	Road 38	Bob's Lake Road	Hot Mix Asphalt	900	2030	79.39	29	4.9	Routine Maintenance	HMA-Crack Seal	\$1,809.18
44005	Loughborough Portland Road	Jamieson Road	Vanluven Road	Surface Treated	700	2030	72.36	42.5	9.7	Minor Rehabilitation Treatment	ST-SST	\$19,683.88
53990	Perth Road 10	North Shore Crescent	Perth Road Crescent	Hot Mix Asphalt	5300	2030	82.88	74.2	10.5	Preventative Maintenance	HMA-EnhSurf	\$187,225.31
41230	Centreville Road	Devil Lake Road	0.40km East of Devil Lake Road	Surface Treated	400	2030	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$39,367.76
45505	Rosedale Road	Alton Road	Freeman Road	Surface Treated	1350	2030	49.57	28.8	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$132,866.17
45580	Round Lake Road	3.50km East of Latimer Road	4.10km East of Latimer Road	Surface Treated	600	2030	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$59,051.63
45220	Railton Road	Murvale Road	Stage Coach Road	Surface Treated	1800	2030	47.59	39.4	21.2	Major Rehabilitation Treatment	ST-FDR & DST	\$206,680.71
58820	Yarker Road 4	Camden Portland Boundary Road	Wilton Road 18	Hot Mix Asphalt	3750	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$10,768.93
43095	Holmes Road	Heska Crescent	Silverwood Drive	Surface Treated	600	2030	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$59,051.63
40465	Bellrock Pepper Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	100	2030	83.45	12.9	1.7	Routine Maintenance	HMA-Crack Seal	\$86.15
55485	Road 38	Verona Sand Road	Pine Ridge Road	Hot Mix Asphalt	1200	2030	55.32	98.3	42.6	Major Rehabilitation Treatment	HMA-FDR & 20Vly	\$1,004,552.63
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2030	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$7,381.45
41290	Church Street (Harrowsmith)	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2030	75.7	21.7	4.3	Routine Maintenance	HMA-Crack Seal	\$287.17
50500	Battersea Road	0.10km North of Sarah Street	Burnt Hills Road	Hot Mix Asphalt	2300	2030	88.37	67.9	6.5	Routine Maintenance	HMA-Crack Seal	\$3,962.97
58705	Wilton Road 18	Yarker Road 4	0.65km West of Road 38	Hot Mix Asphalt	2700	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$5,194.93
44925	Orser Road	1.20km East of Stage Coach Road	Sydenham Road	Hot Mix Asphalt	100	2030	77.69	32.1	5.9	Routine Maintenance	HMA-Crack Seal	\$172.30
58750	Wilton Road 18	0.37km West of Road 38	0.12km West of Road 38	Hot Mix Asphalt	250	2030	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$610.24
43075	Holmes Road	Heska Crescent	Heska Crescent	Surface Treated	1350	2030	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$155,010.54
57785	Westport Road	Buck Bay Road	New Road	Surface Treated	7700	2030	75.04	57.1	11.8	Minor Rehabilitation Treatment	ST-SST	\$252,609.76
42490	German Road	Petworth Road	1.65km North of Petworth Road	Surface Treated	1650	2030	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$162,391.99
51920	Bellrock Road	Bellrock Mill Street	Long Swamp Road	Hot Mix Asphalt	2100	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$6,030.60
45115	Portland Avenue	Sydenham Church Street	George Street	Hot Mix Asphalt	700	2030	83.45	20.8	2.8	Routine Maintenance	HMA-Crack Seal	\$1,407.14
43015	Holleford Road	Trousdale Road	New Morin Road	Surface Treated	1800	2030	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$177,154.90
46105	Switzer Road	Portland Avenue	North End of Road	Surface Treated	200	2030	45.32	13.8	7.9	Major Rehabilitation Treatment	ST-FDR & DST	\$9,841.94
54795	Perth Road 10	0.85km North of McComish Lane	6.00km North of McComish Lane	Hot Mix Asphalt	5150	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$10,352.53
58775	Wilton Road 18	0.12km West of Road 38	Road 38	Hot Mix Asphalt	120	2030	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$379.07
45085	Pine Ridge Road	Road 38	East End of Road	Hot Mix Asphalt	450	2030	85.16	21.7	2.6	Routine Maintenance	HMA-Crack Seal	\$646.14
41065	Canoe Lake Road	Holsgrove Lane	James Wilson Road	Surface Treated	2300	2030	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$226,364.59
46000	Stage Coach Road	Campbell Road	Rutledge Road	Hot Mix Asphalt	650	2030	89.97	49.8	4.1	Routine Maintenance	HMA-Crack Seal	\$1,306.63
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Hot Mix Asphalt	850	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$1,659.85
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2030	82.6	87.5	12.6	Preventative Maintenance	HMA-EnhSurf	\$15,896.49
56290	Rutledge Road	Wheatley Street	Storm Haven Lane	Hot Mix Asphalt	1100	2030	87.57	89.6	9.2	Routine Maintenance	HMA-Crack Seal	\$3,285.24
42970	Holleford Road	Road 38	0.15km East of Road 38	Hot Mix Asphalt	150	2030	89.93	32.9	2.7	Routine Maintenance	HMA-Crack Seal	\$344.61
45535	Round Lake Road	Latimer Road	1.20km East of Latimer Road	Surface Treated	1200	2030	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$118,103.27
50875	Battersea Road	4.50km North of Burnt Hills Road	East End of Road	Surface Treated	6100	2030	75.04	45.8	9.5	Minor Rehabilitation Treatment	ST-SST	\$191,542.88
53530	Moreland Dixon Road	Perth Road 10	Battersea Road	Hot Mix Asphalt	4150	2030	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$146,600.95
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2030	87.76	76.2	7.7	Routine Maintenance	HMA-Crack Seal	\$2,814.28
45265	Railton Road	Sydenham Road	0.05km East of Sydenham Road	Hot Mix Asphalt	50	2030	87.78	45.8	4.6	Routine Maintenance	HMA-Crack Seal	\$90.46
54105	Perth Road 10	Perth Road Crescent	1.40km North of Perth Road Crescent	Hot Mix Asphalt	1400	2030	88.37	74.2	7.1	Routine Maintenance	HMA-Crack Seal	\$4,020.40
53645	Perth Road 10	Spooner Road	Moreland Dixon Road	Hot Mix Asphalt	5400	2030	82.88	85	12.1	Preventative Maintenance	HMA-EnhSurf	\$256,241.91
46765	Wurzl Crescent	Vienna Crescent	0.05km North of Vienna Crescent	Surface Treated	50	2030	67.66	7.5	2	Minor Rehabilitation Treatment	ST-SST	\$1,640.32
54220	Perth Road 10	1.40km North of Perth Road Crescent	3.90km North of Perth Road Crescent	Hot Mix Asphalt	2500	2030	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$92,268.18
46330	Verona Street	Verona Sand Road	North End of Road	Hot Mix Asphalt	900	2030	85.16	24.8	3	Routine Maintenance	HMA-Crack Seal	\$1,550.73
42700	Greenfield Road	0.77km East of Perth Road 10	Duff Road	Surface Treated	830	2030	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$81,688.09
40630	Bradshaw Road	Bob's Lake Road	Steele Road	Hot Mix Asphalt	1250	2030	76.15	29	5.7	Routine Maintenance	HMA-Crack Seal	\$2,512.75
40285	Bank Street	Road 38	Revell Road	Hot Mix Asphalt	400	2030	85.16	21.7	2.6	Routine Maintenance	HMA-Crack Seal	\$689.21
44065	Main Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	450	2030	85.16	21.7	2.6	Routine Maintenance	HMA-Crack Seal	\$516.91
40690	Brewery Street	William Street	Sydenham Mill Street	Hot Mix Asphalt	200	2030	78.41	24.8	4.4	Routine Maintenance	HMA-Crack Seal	\$402.04
55370	Road 38	0.70km North of Hinchinbrooke Road	Verona Sand Road	Hot Mix Asphalt	3900	2030	78.69	85	15	Routine Maintenance	HMA-Crack Seal	\$8,399.76
41335	Clark Road	McConnell Road	East End of Road	Surface Treated	900	2030	45.32	17.5	10.1	Major Rehabilitation Treatment	ST-FDR & DST	\$56,099.05
54680	Perth Road 10	Clear Lake Road	McComish Lane	Hot Mix Asphalt	2100	2030	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$110,721.81
57325	Sydenham Road	Horning Road	2.00km North of Horning Road	Hot Mix Asphalt	2000	2030	87.76	85	8.6	Routine Maintenance	HMA-Crack Seal	\$5,169.09
45835	Silverwood Drive	Holmes Road	North End of Road	Surface Treated	950	2030	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$93,498.42
46135	Sydenham Cross Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2030	75.7	21.7	4.3	Preventative Maintenance	HMA-EnhSurf	\$4,824.31
43495	Kingston Road	Road 38	Harrowsmith Road	Hot Mix Asphalt	300	2030	85.16	27.9	3.4	Routine Maintenance	HMA-Crack Seal	\$603.06
41305	Church Street (Harrowsmith)	Road 38	East End of Road	Hot Mix Asphalt	200	2030	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$402.04
46030	Steele Road	South End of Road	Bradshaw Road	Surface Treated	2200	2030	45.32	22.5	13	Major Rehabilitation Treatment	ST-FDR & DST	\$180,435.54
42445	George Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2030	87.76	76.9	7.8	Routine Maintenance	HMA-Crack Seal	\$335.99
50250	Battersea Road	Sunbury Road	Larry York Road	Hot Mix Asphalt	5200	2030	88.37	74.2	7.1	Routine Maintenance	HMA-Crack Seal	\$10,005.05
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorn Road	Hot Mix Asphalt	1200	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$2,377.78
41380	Cliffside Drive	Railton Road	North End of Road	Surface Treated	800	2030	45.32	17.5	10.1	Major Rehabilitation Treatment	ST-FDR & DST	\$83,984.54
55600	Road 38	Pine Ridge Road	Desert Lake Road	Hot Mix Asphalt	500	2030	52.34	98.3	46.2	Major Rehabilitation Treatment	HMA-FDR & 20Vly	\$408,099.51
41005	Canoe Lake Road	Desert Lake Road	0.8km North of Desert Lake Road	Surface Treated	850	2030	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$83,656.48
57440	Sydenham Road	Orser Road	1.45km North of Keeley Road	Hot Mix Asphalt	5250	2030	82.88	82.9	11.8	Preventative Maintenance	HMA-EnhSurf	\$249,124.08
40345	Battersea Water Street	North End of Road	Battersea Road	Hot Mix Asphalt	100	2030	77.03	21.7	4.1	Routine Maintenance	HMA-Crack Seal	\$201.02
40489	Bob's Lake Road	Green Bay Road	Bradshaw Road	Surface Treated	4200	2030	45.32	22.5	13	Major Rehabilitation Treatment	ST-FDR & DST	\$344,467.86
40720	Buck Bay Road	0.3km North of Westport Road	White Lake Road	Surface Treated	1700	2030	49.57	28.8	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$167,312.96
46545	Whitetail Court	Fawn Brook Drive	North End of Road	Hot Mix Asphalt	240	2030	76.15	16.7	3.3	Routine Maintenance	HMA-Crack Seal	\$413.53
56405	Rutledge Road	Storm Haven Lane	2.20km East of Sydenham Road	Hot Mix Asphalt	2750	2030	87.76	74.2	7.5	Routine Maintenance	HMA-Crack Seal	\$7,186.46
44935	Ottawa Street	Railway Street	North End of Road	Hot Mix Asphalt	100	2030	75.7	21.7	4.3	Preventative Maintenance	HMA-EnhSurf	\$3,163.48
54565	Perth Road 10	Roushorn Road	Clear Lake Road	Hot Mix Asphalt	500	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$1,005.10
57555	Sydenham Road	1.45km North of Keeley Road	Rutledge Road	Hot Mix Asphalt	350	2030	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$904.59
42460	George Street	Wheatley Street	Portland Avenue	Hot Mix Asphalt	200	2030	87.76	76.9	7.8	Routine Maintenance	HMA-Crack Seal	\$511.17
42280	Four Seasons Drive	Holmes Road	North End of Road	Hot Mix Asphalt	1350	2030	76.15	24	4.7	Routine Maintenance	HMA-Crack Seal	\$2,326.09
44800	Opinicon Road	Perth Road 10	4.40km East of Perth Road 10	Surface Treated	4400	2030	37.28	23.8	16.9	Major Rehabilitation Treatment	ST-FDR & DST	\$433,045.31
44095	Maple Drive	Road 38	East End of Road	Hot Mix Asphalt	550	2030	77.69	24	4.4	Routine Maintenance	HMA-Crack Seal	\$947.67
40705	Buck Bay Road	Westport Road	0.3km North of Westport Road	Hot Mix Asphalt	200	2030	76.15	32.1	6.3	Routine Maintenance	HMA-Crack Seal	\$344.61
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Hot Mix Asphalt	3350	2030	82.88	81.2	11.5	Preventative Maintenance	HMA-EnhSurf	\$120,106.80
44575	Mustard Road	East End of Road	Craig Road	Surface Treated	250	2030	33.52	9.6	7.2	Major Rehabilitation Treatment	ST-FDR & DST	\$16,403.23
56175	Rutledge Road	0.13km West of Sydenham Church Street	Wheatley Street	Hot Mix Asphalt	550	2030	87.57	89.6	9.2	Routine Maintenance	HMA-Crack Seal	\$1,579.44
42108	Fawn Brook Drive	0.40km North of Spooner Road	Whitetail Court	Hot Mix Asphalt	260	2030	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$447.99
40315	Battersea Cross Street	Wellington Street	Battersea Road	Hot Mix Asphalt	100	2030	77.03	21.7	4.1	Preventative Maintenance	HMA-EnhSurf	\$3,163.48
41110	Canoe Lake Road	3.0km South of Westport Road	3.4km South of Westport Road	Hot Mix Asphalt	350	2030	79.39	25.8	4.4	Routine Maintenance	HMA-Crack Seal	\$603.06
55945	Road 38	Bradshaw Road	3.30km North of Bradshaw Road	Hot Mix Asphalt	3300	2030	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$104,394.85
44140	Maria Street	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2030	75.7	21.7	4.3	Routine Maintenance	HMA-Crack Seal	\$229.74
50125	Battersea Road	Moreland Dixon Road	Sunbury Road	Hot Mix Asphalt	500	2030	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$1,048.18
44755	Oak Bluffs Road	South End of Road	Alf Patterson Road	Hot Mix Asphalt	3050	2030	79.39	23.8	4	Routine Maintenance	HMA-Crack Seal	\$5,255.24
43135	Holmes Road	Latimer Road	Old Boy Road	Surface Treated	400	2030	49.57	25.6	12.9	Major Rehabilitation Treatment	ST-FDR & DST	\$41,992.27
45055	Petworth Road	Kerr Road	Road 38	Surface Treated	3550	2030	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$3

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
40645	Bradshaw Road	Steele Road	East End of Road	Surface Treated	1900	2030	41.22	20.4	13.1	Major Rehabilitation Treatment	ST-FDR & DST	\$143,364.24
43360	Keeley Road	Sydenham Road	0.30km East of Sydenham Road	Hot Mix Asphalt	300	2030	82.2	45.8	6.8	Preventative Maintenance	HMA-Slurry	\$9,226.82
55255	Road 38	0.56km North of Harrowsmith Road	0.70km North of Hinchinbrooke Road	Hot Mix Asphalt	4750	2030	75.1	85	17.6	Preventative Maintenance	HMA-EnhSurf	\$200,353.75
40060	Amelia Street	Brewery Street	William Street	Hot Mix Asphalt	200	2030	75.7	21.7	4.3	Routine Maintenance	HMA-Crack Seal	\$482.45
46780	York Road	South End of Road	Bellrock Road	Surface Treated	1300	2030	29.94	20.4	16	Major Rehabilitation Treatment	ST-FDR & DST	\$127,945.20
40435	Bellrock Mill Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	250	2030	85.16	21.7	2.6	Routine Maintenance	HMA-Crack Seal	\$358.96
56750	Sunbury Road	0.60km West of Factory Road	0.65km West of Hitchcock Drive	Surface Treated	3200	2030	75.04	67.7	14	Minor Rehabilitation Treatment	ST-SST	\$104,980.68
51000	Bedford Road	Portland Avenue	Alton Road	Hot Mix Asphalt	1000	2030	87.76	76.9	7.8	Routine Maintenance	HMA-Crack Seal	\$2,297.37
40270	Badour Road	South End of Road	Crow Lake Road	Surface Treated	2200	2030	41.22	22.5	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$180,435.54
43150	Holmes Road	Old Boy Road	Perth Road 10	Surface Treated	1200	2030	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$118,103.27
41125	Canoe Lake Road	Westport Road	3.0km South of Westport Road	Surface Treated	3000	2030	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$295,258.16
45700	Verona Sand Road	McMahon Drive	Road 38	Hot Mix Asphalt	250	2030	85.16	32.9	4	Routine Maintenance	HMA-Crack Seal	\$481.01
57210	Sydenham Mill Street	Rutledge Road	George Street	Hot Mix Asphalt	400	2030	87.76	70.6	7.2	Routine Maintenance	HMA-Crack Seal	\$1,022.33
46180	Sydenham William Street	Rutledge Road	Sydenham Mill Street	Hot Mix Asphalt	500	2030	82.73	44.8	6.4	Preventative Maintenance	HMA-EnhSurf	\$20,562.62
40600	Bradford Road	Wolfe Swamp Road	Ellerbeck Road	Surface Treated	650	2030	33.52	20.4	15.5	Major Rehabilitation Treatment	ST-FDR & DST	\$58,641.55
41185	Cedarwoods Drive	Valleyview Drive	0.30km North of Valleyview Drive	Surface Treated	310	2030	37.28	17.5	12.4	Major Rehabilitation Treatment	ST-FDR & DST	\$35,595.01
43765	Latimer Road	Perth Road 10	Round Lake Road	Hot Mix Asphalt	450	2030	85.16	31	3.8	Routine Maintenance	HMA-Crack Seal	\$775.36
58590	Wilton Road 18	3.6km West of Yarker Road 4	Yarker Road 4	Hot Mix Asphalt	3600	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$6,926.57
56635	Sunbury Road	Battersea Road	0.60km West of Factory Road	Hot Mix Asphalt	3400	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$6,834.68
52035	Bellrock Road	Long Swamp Road	Cross Road	Hot Mix Asphalt	3200	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$6,432.64
53415	Harrowsmith Road	0.45km East of Road 38	Loughborough Portland Road	Hot Mix Asphalt	3200	2030	87.76	74.2	7.5	Routine Maintenance	HMA-Crack Seal	\$9,189.49
58130	Westport Road	1.10km East of Lee Road	0.76km West of Bresee Road	Hot Mix Asphalt	1300	2030	88.37	57.3	5.5	Routine Maintenance	HMA-Crack Seal	\$3,359.91
40840	Burnt Hills Road	1.4km East of Battersea Road	1.8km East of Battersea Road	Surface Treated	400	2030	49.57	28.8	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$39,367.76
43630	Lakeside Road	West End of Road	Duff Road	Surface Treated	300	2030	41.22	20.4	13.1	Major Rehabilitation Treatment	ST-FDR & DST	\$23,620.65
50000	Battersea Road	4.30km South of Moreland Dixon Road	Moreland Dixon Road	Hot Mix Asphalt	4300	2030	87.76	74.2	7.5	Routine Maintenance	HMA-Crack Seal	\$8,890.83
46710	Wilmer Road	0.05km West of Perth Road 10	Perth Road 10	Hot Mix Asphalt	50	2030	92.84	29.8	1.7	Routine Maintenance	HMA-Crack Seal	\$86.15
44980	Percy Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	250	2030	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$215.38
45235	Railton Road	Stage Coach Road	0.55km East of Stage Coach Road	Surface Treated	550	2030	83.21	42.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$16,496.96
44395	Milburn Road	Ida Hill Road	2.00km West of Ida Hill Road	Surface Treated	2000	2030	49.57	28.8	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$196,838.78
54450	Perth Road 10	4.10km North of Perth Road Crescent	9.60km North of Perth Road Crescent	Hot Mix Asphalt	5500	2030	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$202,989.99
46495	Wellington Street	Battersea Road	United Street	Hot Mix Asphalt	250	2030	77.03	29.8	5.7	Preventative Maintenance	HMA-EnhSurf	\$9,226.82
55830	Road 38	0.80km North of Snider Road	Piccadilly Road	Hot Mix Asphalt	750	2030	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$1,507.65
56980	Sunbury Road	Brewer Lake Road	1.30km East of Brewer Lake Road	Surface Treated	1300	2030	83.77	67.7	9.1	Routine Maintenance	HMA-Crack Seal	\$2,613.26
50375	Battersea Road	Larry York Road	Sarah Street	Hot Mix Asphalt	2050	2031	82.88	81.2	11.5	Preventative Maintenance	HMA-EnhSurf	\$77,173.10
40525	Boyce Road	0.7km West of Road 38	Road 38	Hot Mix Asphalt	680	2031	83.45	32.1	4.4	Routine Maintenance	HMA-Crack Seal	\$1,095.50
58935	Yarker Road 4	Wilton Road 18	Road 38	Hot Mix Asphalt	2050	2031	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$4,023.19
40930	Camden Portland Boundary Road	Yarker Road 4	Colebrook Road	Surface Treated	2850	2031	49.57	28.8	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$267,031.48
58820	Yarker Road 4	Camden Portland Boundary Road	Wilton Road 18	Hot Mix Asphalt	3750	2031	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$201,671.87
40375	Bear Creek Road	Battersea Road	East End of Road	Surface Treated	2700	2031	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$262,012.09
40945	Camden Portland Boundary Road	Colebrook Road	Petworth Road	Surface Treated	2100	2031	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$60,232.67
44725	Notre Dame Street	Church Street (Harrowsmith)	0.35km South of Centennial Park Road	Hot Mix Asphalt	350	2031	71.67	21.7	5.1	Preventative Maintenance	HMA-EnhSurf	\$15,058.17
50625	Battersea Road	Burnt Hills Road	1.70km North of Burnt Hills Road	Surface Treated	1700	2031	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$48,759.78
41290	Church Street (Harrowsmith)	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2031	74.39	21.7	4.6	Preventative Maintenance	HMA-EnhSurf	\$5,377.92
50500	Battersea Road	0.10km North of Sarah Street	Burnt Hills Road	Hot Mix Asphalt	2300	2031	83.77	67.9	9.1	Preventative Maintenance	HMA-EnhSurf	\$74,215.25
58705	Wilton Road 18	Yarker Road 4	0.65km West of Road 38	Hot Mix Asphalt	2700	2031	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$97,286.51
58750	Wilton Road 18	0.37km West of Road 38	0.12km West of Road 38	Hot Mix Asphalt	250	2031	82.6	87.5	12.6	Preventative Maintenance	HMA-EnhSurf	\$11,428.07
45550	Round Lake Road	1.20km East of Latimer Road	2.20km East of Latimer Road	Surface Treated	1000	2031	29.94	20	15.7	Major Rehabilitation Treatment	ST-FDR & DST	\$100,387.78
57095	Sunbury Road	Hitchcock Drive	Brewer Lake Road	Surface Treated	1400	2031	83.77	67.7	9.1	Routine Maintenance	HMA-Crack Seal	\$2,870.57
51920	Bellrock Road	Bellrock Mill Street	Long Swamp Road	Hot Mix Asphalt	2100	2031	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$112,936.25
41950	Deyos Road	Desert Lake Road	Morey Lane	Surface Treated	1100	2031	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$21,033.63
46660	Wilmer Road	Rutledge Road	McFadden Road	Surface Treated	4750	2031	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$532,473.49
54795	Perth Road 10	0.85km North of McComish Lane	6.00km North of McComish Lane	Hot Mix Asphalt	5150	2031	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$193,873.89
41710	Davidson Road	Holmes Road	Mowoods Lane	Surface Treated	1500	2031	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$150,581.66
58775	Wilton Road 18	0.12km West of Road 38	Road 38	Hot Mix Asphalt	120	2031	82.6	87.5	12.6	Preventative Maintenance	HMA-EnhSurf	\$7,098.85
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Hot Mix Asphalt	850	2031	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$31,084.36
56290	Rutledge Road	Wheatley Street	Storm Haven Lane	Hot Mix Asphalt	1100	2031	82.6	89.6	12.9	Preventative Maintenance	HMA-EnhSurf	\$61,523.37
42865	Hinchinbrooke Road	0.20km North of Road 38	0.29km North of Trousdale Road	Surface Treated	1000	2031	29.94	20.6	16.2	Major Rehabilitation Treatment	ST-FDR & DST	\$100,387.78
51460	Bedford Road	Busch Lane	Salmon Lake Road	Surface Treated	2400	2031	75.04	54	11.2	Minor Rehabilitation Treatment	ST-SST	\$80,310.22
56520	Rutledge Road	2.20km East of Sydenham Road	Perth Road 10	Hot Mix Asphalt	5850	2031	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$11,480.80
46645	William Street	Rutledge Road	Church Street (Harrowsmith)	Hot Mix Asphalt	200	2031	75.7	26.7	5.3	Preventative Maintenance	HMA-EnhSurf	\$7,529.08
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Hot Mix Asphalt	300	2031	88.37	60.4	5.8	Routine Maintenance	HMA-Crack Seal	\$703.00
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2031	82.88	76.2	10.8	Preventative Maintenance	HMA-EnhSurf	\$52,703.58
43720	Latimer Road	Holmes Road	Davidson Road	Surface Treated	1400	2031	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$34,446.79
45945	Spooner Road	0.45km West of Perth Road 10	Perth Road 10	Surface Treated	450	2031	75.04	29.6	6.1	Minor Rehabilitation Treatment	ST-SST	\$12,907.00
54105	Perth Road 10	Perth Road Crescent	1.40km North of Perth Road Crescent	Hot Mix Asphalt	1400	2031	83.77	74.2	10	Preventative Maintenance	HMA-EnhSurf	\$75,290.83
41200	Cemetery Road	Water Street	North End of Road	Hot Mix Asphalt	50	2031	72.03	12.9	3	Preventative Maintenance	HMA-Slurry	\$1,045.71
55150	Road 38	Wilton Road 18	Harrowsmith Road	Hot Mix Asphalt	80	2031	78.32	98.3	17.7	Routine Maintenance	HMA-Crack Seal	\$292.91
40630	Bradshaw Road	Bob's Lake Road	Steele Road	Hot Mix Asphalt	1250	2031	74.72	29	6.1	Preventative Maintenance	HMA-Slurry	\$36,599.71
44065	Main Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	450	2031	83.2	21.7	3	Preventative Maintenance	HMA-EnhSurf	\$9,680.25
45250	Railton Road	0.55km East of Stage Coach Road	Sydenham Road	Surface Treated	1200	2031	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$140,542.89
55370	Road 38	0.70km North of Hinchinbrooke Road	Verona Sand Road	Hot Mix Asphalt	3900	2031	75.1	85	17.6	Preventative Maintenance	HMA-EnhSurf	\$157,304.06
57325	Sydenham Road	Horning Road	2.00km North of Horning Road	Hot Mix Asphalt	2000	2031	82.88	85	12.1	Preventative Maintenance	HMA-EnhSurf	\$96,802.50
43975	Loughborough Portland Road	Harrowsmith Road	Alton Road	Surface Treated	1400	2031	72.36	45.6	10.5	Minor Rehabilitation Treatment	ST-SST	\$40,155.11
44485	Mount Chesney Road	Frontenac Road	Beach Nut Road	Surface Treated	1600	2031	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$160,620.44
45940	Spooner Road	West End of Road	0.45km West of Perth Road 10	Surface Treated	250	2031	75.04	29.6	6.1	Minor Rehabilitation Treatment	ST-SST	\$7,170.56
44680	Norway Road	Draper Lake Road	Charlie Green Road	Surface Treated	100	2031	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$8,365.65
41305	Church Street (Harrowsmith)	Road 38	East End of Road	Hot Mix Asphalt	200	2031	77.03	21.7	4.1	Preventative Maintenance	HMA-EnhSurf	\$7,529.08
41605	Crow Lake Road	0.45km West of Badour Road	0.10km East of Badour Road	Surface Treated	550	2031	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$14,434.84
45070	Piccadilly Road	Road 38	Arena Boundary Road	Hot Mix Asphalt	150	2031	83.45	29	3.9	Routine Maintenance	HMA-Crack Seal	\$263.62
42445	George Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2031	82.88	76.9	10.9	Preventative Maintenance	HMA-EnhSurf	\$6,292.16
45640	Salmon Lake Road	Bedford Road	North End of Road	Surface Treated	2100	2031	20.4	17.5	14.9	Major Rehabilitation Treatment	ST-FDR & DST	\$210,814.33
52495	Desert Lake Road	Road 38	0.15km West of High Falls Road	Surface Treated	2950	2031	75.04	52.1	10.8	Minor Rehabilitation Treatment	ST-SST	\$84,612.55
50750	Battersea Road	2.30km North of Burnt Hills Road	4.50km North of Burnt Hills Road	Surface Treated	2200	2031	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$73,617.70
50250	Battersea Road	Sunbury Road	Larry York Road	Hot Mix Asphalt	5200	2031	83.77	74.2	10	Preventative Maintenance	HMA-EnhSurf	\$187,366.61
42685	Greenfield Road	Perth Road 10	0.77km East of Perth Road 10	Surface Treated	770	2031	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$77,298.59
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorn Road	Hot Mix Asphalt	1200	2031	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$44,529.15
40135	Arena Boundary Road	Second Lake Road	Snider Road	Surface Treated	800	2031	41.22	22.5	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$72,279.20
44515	Murton Road	Road 38	1.35km East of Road 38	Surface Treated	1850	2031	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$44,760.32
53875	Perth Road 10	0.70km North of Moreland Dixon Road	North Shore Crescent	Hot Mix Asphalt	3100	2031	87.76	85	8.6	Routine Maintenance	HMA-Crack Seal	\$6,356.25
42160	First Lake Road	0.70km North of Bellrock Mill Street	1.70km North of Bellrock Mill Street	Surface Treated	1000	2031	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$100,387.78
54910	Road 38	Murton Road	0.50km South of Kingston Road	Hot Mix Asphalt	5350	2031	78.69	85	15	Routine Maintenance	HMA-Crack Seal	\$12,536.76
56405	Rutledge Road	Storm Haven Lane	2.20km East of Sydenham Road	Hot Mix Asphalt	2750	2031	82.88	74.2	10.5	Preventative Maintenance	HMA-EnhSurf	\$134,582.36
42355	Freeman Road	Bedford Road	Sills Bay Road	Surface Treated	800	2031	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$80,310.22
55715	Road 38	Desert Lake Road	0.80km North of Snider Road	Hot Mix Asphalt	3100	2031	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$7,264.29
40765	B											

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
42520	Goodrich Street	Percy Street	Main Street	Hot Mix Asphalt	100	2031	79.39	12.9	2.2	Routine Maintenance	HMA-Crack Seal	\$117.17
42670	Greenfield Road	0.70km West of Perth Road 10	Perth Road 10	Surface Treated	700	2031	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$81,983.35
40705	Buck Bay Road	Westport Road	0.3km North of Westport Road	Hot Mix Asphalt	200	2031	74.72	32.1	6.7	Preventative Maintenance	HMA-Slurry	\$5,019.39
55175	Road 38	Harrowsmith Road	0.56km North of Harrowsmith Road	Hot Mix Asphalt	560	2031	78.32	98.3	17.7	Routine Maintenance	HMA-Crack Seal	\$2,050.40
44890	Ormsbee Road	Milburn Road	East End of Road	Surface Treated	2650	2031	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$65,202.84
46570	White Lake Road	Buck Bay Road	1.70km East of Buck Bay Road	Surface Treated	1700	2031	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$170,659.22
56175	Rutledge Road	0.13km West of Sydenham Church Street	Wheatley Street	Hot Mix Asphalt	550	2031	82.6	89.6	12.9	Preventative Maintenance	HMA-EnhSurf	\$29,578.54
42655	Greenfield Road	West End of Road	0.70km West of Perth Road 10	Surface Treated	150	2031	77.08	22.5	4.2	Routine Maintenance	ST-Slurry	\$3,690.73
46165	Sydenham Walker Road	Rock Quarry Lane	Sydenham Church Street	Hot Mix Asphalt	400	2031	83.45	29	3.9	Routine Maintenance	HMA-Crack Seal	\$703.00
40960	Campbell Road	0.5km West of Stage Coach Road	Stage Coach Road	Surface Treated	2000	2031	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$214,160.59
57670	Westport Road	2.70km West of Buck Bay Road	Buck Bay Road	Surface Treated	2700	2031	75.04	57.1	11.8	Minor Rehabilitation Treatment	ST-SST	\$77,442.00
41550	Country Woods Drive	Campbell Road	South End of Road	Surface Treated	700	2031	41.22	20.4	13.1	Major Rehabilitation Treatment	ST-FDR & DST	\$70,271.44
46525	Wellington Street	Milburn Road	East End of Road	Surface Treated	1700	2031	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$170,659.22
46390	Walsh Road	Perth Road 10	0.15km East of Perth Road 10	Hot Mix Asphalt	650	2031	73.35	12.9	2.8	Preventative Maintenance	HMA-Slurry	\$10,875.34
44685	Norway Road	Charlie Green Road	McFadden Road	Surface Treated	350	2031	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$29,279.77
50125	Battersea Road	Moreland Dixon Road	Sunbury Road	Hot Mix Asphalt	500	2031	82.6	87.5	12.6	Preventative Maintenance	HMA-EnhSurf	\$19,629.40
55140	Road 38	Kingston Road	Wilton Road 18	Hot Mix Asphalt	160	2031	53.87	98.3	44.4	Major Rehabilitation Treatment	HMA-FDR & 20vly	\$136,619.16
58725	Wilton Road 18	0.65km West of Road 38	0.37km West of Road 38	Hot Mix Asphalt	280	2031	82.6	87.5	12.6	Preventative Maintenance	HMA-EnhSurf	\$18,069.80
50675	Battersea Road	1.70km North of Burnt Hills Road	2.30km North of Burnt Hills Road	Surface Treated	600	2031	75.04	62.3	12.9	Minor Rehabilitation Treatment	ST-SST	\$17,209.33
40540	Bracken Road	Yarker Road 4	McClean Road	Surface Treated	1550	2031	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$37,501.89
46150	Sydenham Walker Road	Loughborough Portland Road	Rock Quarry Lane	Surface Treated	1000	2031	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$100,387.78
44305	McClean Road	Wallace Road	Colebrook Road	Surface Treated	1350	2031	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$33,216.54
43665	Norway Road	Draper Lake Road	Norway Road	Surface Treated	150	2031	41.22	7.5	4.8	Major Rehabilitation Treatment	ST-FDR & DST	\$14,556.23
55025	Road 38	0.50km South of Kingston Road	Kingston Road	Hot Mix Asphalt	500	2031	53.87	98.3	44.4	Major Rehabilitation Treatment	HMA-FDR & 20vly	\$533,668.59
42505	German Road	1.65km North of Petworth Road	Long Swamp Road	Surface Treated	1500	2031	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$150,581.66
43030	Holleford Road	New Morin Road	Johnny Martin Road	Surface Treated	2900	2031	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$83,246.40
40435	Bellrock Mill Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	250	2031	83.2	21.7	3	Preventative Maintenance	HMA-EnhSurf	\$6,722.40
43045	Holleford Road	Johnny Martin Road	Deer Park Lane	Surface Treated	1600	2031	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$45,929.05
51000	Bedford Road	Portland Avenue	Alton Road	Hot Mix Asphalt	1000	2031	82.88	76.9	10.9	Preventative Maintenance	HMA-EnhSurf	\$43,023.33
51690	Bedford Road	1.00km North of Salmon Lake Road	Desert Lake Road	Surface Treated	3600	2031	75.04	50.8	10.5	Minor Rehabilitation Treatment	ST-SST	\$103,256.00
44470	Mount Chesney Road	Battersea Road	Frontenac Road	Surface Treated	400	2031	41.22	22.5	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$40,155.11
45865	Snider Road	Arena Boundary Road	2.00km South of Arena Boundary Road	Surface Treated	2000	2031	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$200,775.55
45700	Verona Sand Road	McMahon Drive	Road 38	Hot Mix Asphalt	250	2031	83.2	32.9	4.6	Preventative Maintenance	HMA-EnhSurf	\$9,008.01
57210	Sydenham Mill Street	Rutledge Road	George Street	Hot Mix Asphalt	400	2031	82.88	70.6	10	Preventative Maintenance	HMA-EnhSurf	\$19,145.38
56865	Sunbury Road	0.65km West of Hitchcock Drive	Hitchcock Drive	Surface Treated	700	2031	83.77	67.7	9.1	Routine Maintenance	HMA-Crack Seal	\$1,435.28
41155	Carrying Place Road	South End of Road	1.0km South of Burnt Hills Road	Surface Treated	4800	2031	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$137,674.66
42550	Gould Lake Road	Freeman Road	0.85km North of Freeman Road	Surface Treated	900	2031	45.32	25.6	14.8	Major Rehabilitation Treatment	ST-FDR & DST	\$90,349.00
43765	Latimer Road	Perth Road 10	Round Lake Road	Hot Mix Asphalt	450	2031	83.2	31	4.3	Preventative Maintenance	HMA-EnhSurf	\$14,520.37
58590	Wilton Road 18	3.6km West of Yarker Road 4	Yarker Road 4	Hot Mix Asphalt	3600	2031	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$129,715.35
56635	Sunbury Road	Battersea Road	0.60km West of Factory Road	Hot Mix Asphalt	3400	2031	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$127,994.41
52035	Bellrock Road	Long Swamp Road	Cross Road	Hot Mix Asphalt	3200	2031	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$120,465.33
53415	Harrowsmith Road	0.45km East of Road 38	Loughborough Portland Road	Hot Mix Asphalt	3200	2031	82.88	74.2	10.5	Preventative Maintenance	HMA-EnhSurf	\$172,093.33
58130	Westport Road	1.10km East of Lee Road	0.76km West of Breesee Road	Hot Mix Asphalt	1300	2031	83.77	57.3	7.7	Preventative Maintenance	HMA-EnhSurf	\$62,921.62
50000	Battersea Road	4.30km South of Moreland Dixon Road	Moreland Dixon Road	Hot Mix Asphalt	4300	2031	82.88	74.2	10.5	Preventative Maintenance	HMA-EnhSurf	\$166,500.30
45565	Round Lake Road	2.20km East of Latimer Road	3.50km East of Latimer Road	Surface Treated	1300	2031	80.03	32.7	5.4	Minor Rehabilitation Treatment	ST-SST	\$37,286.89
45880	Snider Road	2.00km South of Arena Boundary Road	Road 38	Surface Treated	3000	2031	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$301,163.33
44905	Orser Road	West End of Road	Stage Coach Road	Surface Treated	1200	2031	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$29,525.82
42145	First Lake Road	Bellrock Mill Street	0.70km North of Bellrock Mill Street	Surface Treated	700	2031	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$16,731.30
51115	Bedford Road	Alton Road	Freeman Road	Surface Treated	3850	2031	75.04	57.1	11.8	Minor Rehabilitation Treatment	ST-SST	\$110,426.55
55830	Road 38	0.80km North of Snider Road	Piccadilly Road	Hot Mix Asphalt	750	2031	82.88	82.9	11.8	Preventative Maintenance	HMA-EnhSurf	\$28,234.06
44455	Mount Chesney Road	West End of Road	Battersea Road	Surface Treated	1000	2031	37.28	17.5	12.4	Major Rehabilitation Treatment	ST-FDR & DST	\$83,656.48
56980	Sunbury Road	Brewer Lake Road	1.30km East of Brewer Lake Road	Surface Treated	1300	2031	79.83	67.7	11.3	Preventative Maintenance	HMA-EnhSurf	\$48,939.04
45460	Ritchie Road	Wilmer Road	Perth Road 10	Surface Treated	1900	2032	31.08	23.3	18.1	Major Rehabilitation Treatment	ST-FDR & DST	\$226,976.76
40030	Alton Road	Road 38	Loughborough Portland Road	Surface Treated	2700	2032	72.36	20.6	4.7	Minor Rehabilitation Treatment	ST-SST	\$78,990.84
45715	Sands Road	Battersea Road	East End of Road	Surface Treated	2600	2032	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$310,599.78
40615	Bradshaw Road	Road 38	Bob's Lake Road	Hot Mix Asphalt	900	2032	76.15	29	5.7	Routine Maintenance	HMA-Crack Seal	\$1,919.92
45670	Verona Sand Road	Cross Road	0.70km East of Cross Road	Surface Treated	700	2032	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$14,932.68
53990	Perth Road 10	North Shore Crescent	Perth Road Crescent	Hot Mix Asphalt	5300	2032	87.76	74.2	7.5	Routine Maintenance	HMA-Crack Seal	\$10,821.62
58935	Yarker Road 4	Wilton Road 18	Road 38	Hot Mix Asphalt	2050	2032	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$75,343.00
44320	McMahon Drive	Verona Sand Road	Bank Street	Hot Mix Asphalt	250	2032	69.34	20.8	5.3	Preventative Maintenance	HMA-Slurry	\$6,399.72
44545	Murvale Road	Murton Road	Scanlan Road	Surface Treated	1550	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$49,125.48
40465	Bellrock Pepper Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	100	2032	79.39	12.9	2.2	Routine Maintenance	HMA-Crack Seal	\$91.42
41035	Canoe Lake Road	1.3km North of Desert Lake Road	2.8km North of Desert Lake Road	Surface Treated	1500	2032	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$179,192.18
55485	Road 38	Verona Sand Road	Pine Ridge Road	Hot Mix Asphalt	1200	2032	87.57	98.3	10.1	Routine Maintenance	HMA-Crack Seal	\$2,925.59
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2032	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$426.65
41590	Cross Road	Bellrock Road	Verona Sand Road	Surface Treated	550	2032	77.08	22.5	4.2	Routine Maintenance	ST-Slurry	\$10,559.54
43255	Ida Hill Road	Sunbury Road	Milburn Road	Surface Treated	1900	2032	33.52	25.6	19.4	Major Rehabilitation Treatment	ST-FDR & DST	\$226,976.76
53185	Desert Lake Road	1.90km West of Bedford Road	1.70km West of Bedford Road	Surface Treated	200	2032	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$5,851.17
44925	Orser Road	1.20km East of Stage Coach Road	Sydenham Road	Hot Mix Asphalt	100	2032	74.72	32.1	6.7	Preventative Maintenance	HMA-Slurry	\$2,559.89
53760	Perth Road 10	Moreland Dixon Road	0.70km North of Moreland Dixon Road	Hot Mix Asphalt	700	2032	53.87	98.3	44.4	Major Rehabilitation Treatment	HMA-FDR & 20vly	\$602,042.21
44245	McConnell Road	Clark Road	Yarker Road 4	Surface Treated	1450	2032	33.52	20.6	15.6	Major Rehabilitation Treatment	ST-FDR & DST	\$148,473.52
43735	Latimer Road	Davidson Road	1.70km West of Perth Road 10	Surface Treated	2900	2032	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$84,842.01
57095	Sunbury Road	Hitchcock Drive	Brewer Lake Road	Surface Treated	1400	2032	79.83	67.7	11.3	Preventative Maintenance	HMA-EnhSurf	\$53,757.65
43810	Leland Road	Perth Road 10	0.30km East of Perth Road 10	Surface Treated	300	2032	41.22	22.5	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$30,718.66
45115	Portland Avenue	Sydenham Church Street	George Street	Hot Mix Asphalt	700	2032	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$1,493.27
40570	Bradford Road	Camden Portland Boundary Road	2.00km East of Camden Portland Boundary Road	Surface Treated	500	2032	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$51,197.77
40780	Burnett Road	South End of Road	Road 38	Surface Treated	300	2032	77.08	20.4	3.9	Routine Maintenance	ST-Slurry	\$7,679.66
45085	Pine Ridge Road	Road 38	East End of Road	Hot Mix Asphalt	450	2032	81.45	21.7	3.3	Preventative Maintenance	HMA-EnhSurf	\$12,342.32
44560	Murvale Road	Scanlan Road	Amey Road	Surface Treated	1400	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$44,371.40
44995	Perth Road Crescent	Perth Road 10	Perth Road 10	Hot Mix Asphalt	600	2032	87.39	26.7	2.8	Routine Maintenance	HMA-Crack Seal	\$1,279.94
40967	Milburn Road	2.9km East of Battersea Road	0.45km East of Ormsbee Road	Surface Treated	1450	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$42,421.01
46000	Stage Coach Road	Campbell Road	Rutledge Road	Hot Mix Asphalt	650	2032	82.73	49.8	7.1	Preventative Maintenance	HMA-EnhSurf	\$24,958.91
52840	Desert Lake Road	Bauder Drive	Deyos Road	Surface Treated	2200	2032	80.03	49	8.1	Minor Rehabilitation Treatment	ST-SST	\$75,090.06
58360	Westport Road	Breesee Road	Concession 12	Surface Treated	1400	2032	71.19	57.1	13.7	Preventative Maintenance	HMA-EnhSurf	\$53,757.65
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2032	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$918.82
42970	Holleford Road	Road 38	0.15km East of Road 38	Hot Mix Asphalt	150	2032	85.16	32.9	4	Routine Maintenance	HMA-Crack Seal	\$365.70
41575	Craig Road	Road 38	3.75km North of Road 38	Surface Treated	3750	2032	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$91,424.58
42295	Fox Ridge Trail	West End of Road	East End of Road	Hot Mix Asphalt	600	2032	69.34	20.8	5.3	Preventative Maintenance	HMA-Slurry	\$15,871.31
56520	Rutledge Road	2.20km East of Sydenham Road	Perth Road 10	Hot Mix Asphalt	5850	2032	83.77	71	9.6	Preventative Maintenance	HMA-EnhSurf	\$215,003.19
44845	Opinicon Road	Post Office Gate Lane	1.70km East of Post Office Gate Lane	Surface Treated	1700	2032	37.28	20.6	14.6	Major Rehabilitation Treatment	ST-FDR & DST	\$174,072.40
58015	Westport Road	0.20km East of Burrigge Road	1.10km East of Lee Road	Surface Treated	2500	2032	75.04	54	11.2	Minor Rehabilitation Treatment	ST-SST	\$85,329.61
40495	Botting Road	Bedford Road	Sills Bay Road	Surface Treated	750	2032	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$76,796.65
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Hot Mix Asphalt	300	2032	83.77	60.4	8.1	Preventative Maintenance	HMA-EnhSurf	\$13,165.14
53530	Moreland Dixon Road	Perth Road 10	Battersea Road	Hot Mix Asphalt	4150	2032	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$8,473.53
53300	Desert Lake Road	1.70km West of Bedford Road										

Long Term Financial Plan

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	TreatmentType	Applied Treatment	Budgeted Cost
40510	Boyce Road	Watson Road	0.7km West of Road 38	Surface Treated	1780	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$52,075.44
54220	Perth Road 10	1.40km North of Perth Road Crescent	3.90km North of Perth Road Crescent	Hot Mix Asphalt	2500	2032	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$5,333.10
43825	Leland Road	0.30km East of Perth Road 10	1.60km East of Perth Road 10	Surface Treated	1300	2032	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$133,114.19
46330	Verona Street	Verona Sand Road	North End of Road	Hot Mix Asphalt	900	2032	81.45	24.8	3.8	Routine Maintenance	HMA-Crack Seal	\$1,645.64
52610	Desert Lake Road	0.15km West of High Falls Road	0.15km East of High Falls Road	Surface Treated	300	2032	85.04	52.1	6.4	Minor Rehabilitation Treatment	ST-SST	\$10,239.55
55150	Road 38	Wilton Road 18	Harrowsmith Road	Hot Mix Asphalt	80	2032	74.65	98.3	20.7	Preventative Maintenance	HMA-EnhSurf	\$5,485.47
46015	Station Street	Walker Street	Bank Street	Surface Treated	100	2032	18.49	14.2	12.2	Major Rehabilitation Treatment	ST-FDR & DST	\$8,532.96
40285	Bank Street	Road 38	Revell Road	Hot Mix Asphalt	400	2032	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$731.40
40690	Brewery Street	William Street	Sydenham Mill Street	Hot Mix Asphalt	200	2032	75.7	24.8	5	Preventative Maintenance	HMA-EnhSurf	\$7,679.66
40735	Buck Bay Road	White Lake Road	2.6 km North of White Lake Road	Surface Treated	2650	2032	29.94	22.5	17.6	Major Rehabilitation Treatment	ST-FDR & DST	\$316,572.85
54680	Perth Road 10	Clear Lake Road	McComish Lane	Hot Mix Asphalt	2100	2032	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$6,399.72
45385	Revell Road	Bank Street	North End of Road	Surface Treated	900	2032	24.36	18.3	15.1	Major Rehabilitation Treatment	ST-FDR & DST	\$92,155.98
46135	Sydenham Cross Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2032	89.93	21.7	1.8	Routine Maintenance	HMA-Crack Seal	\$278.84
45100	Point Road	Wheatley Street	East End of Road	Hot Mix Asphalt	250	2032	87.39	21.7	2.2	Routine Maintenance	HMA-Crack Seal	\$792.35
41365	Clearwater Road	Bedford Road	Botting Road	Surface Treated	500	2032	37.28	17.5	12.4	Major Rehabilitation Treatment	ST-FDR & DST	\$42,664.80
43495	Kingston Road	Road 38	Harrowsmith Road	Hot Mix Asphalt	300	2032	81.45	27.9	4.3	Preventative Maintenance	HMA-EnhSurf	\$11,519.50
41605	Crow Lake Road	0.45km West of Badour Road	0.10km East of Badour Road	Surface Treated	550	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$17,163.44
40975	Campbell Road	Murvale Road	Stage Coach Road	Surface Treated	2000	2032	67.66	28.8	8	Minor Rehabilitation Treatment	ST-SST	\$62,412.51
58475	Westport Road	Concession 12	Devil Lake Road	Surface Treated	1350	2032	71.19	57.1	13.7	Preventative Maintenance	HMA-EnhSurf	\$51,837.74
45145	Princess Road	0.15km West of Battersea Road	Battersea Road	Hot Mix Asphalt	150	2032	69.34	24	6.1	Preventative Maintenance	HMA-Slurry	\$4,479.80
55600	Road 38	Pine Ridge Road	Desert Lake Road	Hot Mix Asphalt	500	2032	87.57	98.3	10.1	Routine Maintenance	HMA-Crack Seal	\$1,188.52
43705	Latimer Road	Davidson Road	Holmes Road	Surface Treated	2300	2032	72.36	39.4	9	Minor Rehabilitation Treatment	ST-SST	\$67,288.49
45595	Round Lake Road	4.10km East of Latimer Road	Battersea Road	Surface Treated	2200	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$64,362.91
40000	Abernathy Road	Ida Hill Road	0.8km East of Ida Hill Road	Surface Treated	800	2032	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$23,404.69
44515	Murton Road	Road 38	1.35km East of Road 38	Surface Treated	1850	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$53,221.30
57440	Sydenham Road	Orser Road	1.45km North of Keeley Road	Hot Mix Asphalt	5250	2032	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$14,399.37
40330	Battersea Mill Street	Battersea Road	South End of Road	Surface Treated	150	2032	72.36	15.4	3.5	Minor Rehabilitation Treatment	ST-SST	\$2,194.19
57900	Westport Road	New Road	0.20km East of Burrigge Road	Surface Treated	3400	2032	75.04	54	11.2	Minor Rehabilitation Treatment	ST-SST	\$116,048.27
45130	Princess Road	West End of Road	0.15km West of Battersea Road	Surface Treated	1650	2032	31.08	21.5	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$171,768.50
42535	Gorr Road	Road 38	East End of Road	Surface Treated	900	2032	72.36	20.4	4.7	Minor Rehabilitation Treatment	ST-SST	\$21,064.22
54910	Road 38	Murton Road	0.50km South of Kingston Road	Hot Mix Asphalt	5350	2032	75.1	85	17.6	Preventative Maintenance	HMA-EnhSurf	\$234,778.33
41410	Colebrook Road	1.70km East of Camden Portland Boundary Road	2.70km East of Camden Portland Boundary Road	Surface Treated	1000	2032	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$27,732.12
46345	Vienna Crescent	Sumac Road	North End of Road	Surface Treated	350	2032	33.52	22.5	17.1	Major Rehabilitation Treatment	ST-FDR & DST	\$38,227.67
44935	Ottawa Street	Railway Street	North End of Road	Hot Mix Asphalt	100	2032	89.93	21.7	1.8	Routine Maintenance	HMA-Crack Seal	\$182.85
55715	Road 38	Desert Lake Road	0.80km North of Snider Road	Hot Mix Asphalt	3100	2032	82.88	82.9	11.8	Preventative Maintenance	HMA-EnhSurf	\$136,039.78
45985	Stage Coach Road	Railton Road	Campbell Road	Surface Treated	2200	2032	72.36	45.6	10.5	Minor Rehabilitation Treatment	ST-SST	\$69,726.48
43000	Holleford Road	Vanluven Road	Trousdale Road	Surface Treated	1350	2032	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$142,841.77
42475	German Road	Long Swamp Road	0.20km South of Long Swamp Road	Surface Treated	200	2032	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$5,168.54
40165	Arena Boundary Road	Davey Road	2.15km East of Davey Road	Surface Treated	2150	2032	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$220,150.39
44815	Opinicon Road	4.40km East of Perth Road 10	7.70km East of Perth Road 10	Surface Treated	3300	2032	33.52	20.6	15.6	Major Rehabilitation Treatment	ST-FDR & DST	\$337,905.25
51575	Bedford Road	Salmon Lake Road	1.00km North of Salmon Lake Road	Surface Treated	1000	2032	70.1	50.8	12.6	Minor Rehabilitation Treatment	ST-SST	\$29,255.87
43315	Jamieson Road	1.30km East of Road 38	Loughborough Portland Road	Surface Treated	2300	2032	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$62,802.59
44095	Maple Drive	Road 38	East End of Road	Hot Mix Asphalt	550	2032	74.72	24	5	Preventative Maintenance	HMA-Slurry	\$14,079.39
44830	Opinicon Road	7.70km East of Perth Road 10	Post Office Gate Lane	Surface Treated	3950	2032	33.52	20.6	15.6	Major Rehabilitation Treatment	ST-FDR & DST	\$404,462.35
55175	Road 38	Harrowsmith Road	0.56km North of Harrowsmith Road	Hot Mix Asphalt	560	2032	74.65	98.3	20.7	Preventative Maintenance	HMA-EnhSurf	\$38,398.32
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Hot Mix Asphalt	3350	2032	87.76	81.2	8.2	Routine Maintenance	HMA-Crack Seal	\$6,942.17
44890	Ormsbee Road	Milburn Road	East End of Road	Surface Treated	2650	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$77,528.05
42655	Greenfield Road	West End of Road	0.70km West of Perth Road 10	Surface Treated	150	2032	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$4,388.38
41650	Daley Road	0.60km North of Railton Road	North End of Road	Surface Treated	500	2032	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$14,627.93
43435	Kerr Road	Petworth Road	North End of Road	Surface Treated	600	2032	72.36	20.4	4.7	Minor Rehabilitation Treatment	ST-SST	\$12,580.02
40315	Battersea Cross Street	Wellington Street	Battersea Road	Hot Mix Asphalt	100	2032	89.93	21.7	1.8	Routine Maintenance	HMA-Crack Seal	\$182.85
41110	Canoe Lake Road	3.0km South of Westport Road	3.4km South of Westport Road	Hot Mix Asphalt	350	2032	76.15	25.8	5.1	Routine Maintenance	HMA-Crack Seal	\$639.97
55945	Road 38	Bradshaw Road	3.30km North of Bradshaw Road	Hot Mix Asphalt	3300	2032	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$6,034.02
44140	Maria Street	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2032	73.05	21.7	4.8	Preventative Maintenance	HMA-EnhSurf	\$4,388.38
43990	Loughborough Portland Road	Alton Road	Jamieson Road	Surface Treated	1350	2032	72.36	42.5	9.7	Minor Rehabilitation Treatment	ST-SST	\$39,495.42
45805	Short Street	Bank Street	North End of Road	Surface Treated	50	2032	72.36	17.5	4	Minor Rehabilitation Treatment	ST-SST	\$1,218.99
44755	Oak Bluffs Road	South End of Road	Alf Patterson Road	Hot Mix Asphalt	3050	2032	76.15	23.8	4.7	Routine Maintenance	HMA-Crack Seal	\$5,576.90
40180	Arena Boundary Road	2.15km East of Davey Road	Piccadilly Road	Hot Mix Asphalt	450	2032	81.3	25.8	4	Routine Maintenance	HMA-Crack Seal	\$822.82
46480	Watson Road	Petworth Road	Boyce Road	Surface Treated	1400	2032	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$143,353.74
43690	Latimer Road	Dover Road	Davidson Road	Surface Treated	950	2032	72.36	45.6	10.5	Minor Rehabilitation Treatment	ST-SST	\$27,793.07
52150	Bellrock Road	Cross Road	Road 38	Hot Mix Asphalt	1300	2032	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$2,773.21
46300	Valleyview Drive	South End of Road	Cedarwoods Drive	Surface Treated	500	2032	24.36	18.3	15.1	Major Rehabilitation Treatment	ST-FDR & DST	\$51,197.77
41050	Canoe Lake Road	Desert Lake Road	Holsgrove Lane	Surface Treated	2000	2032	33.52	25.6	19.4	Major Rehabilitation Treatment	ST-FDR & DST	\$238,922.91
40540	Bracken Road	Yarker Road 4	McLean Road	Surface Treated	1550	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$44,590.82
46075	Sumac Road	Sydenham Road	East End of Road	Surface Treated	1150	2032	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$135,418.09
44305	McLean Road	Wallace Road	Colebrook Road	Surface Treated	1350	2032	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$39,495.42
43360	Keeley Road	Sydenham Road	0.30km East of Sydenham Road	Hot Mix Asphalt	300	2032	87.78	45.8	4.6	Routine Maintenance	HMA-Crack Seal	\$685.68
42105	Fawn Brook Drive	Spooner Road	0.40km North of Spooner Road	Hot Mix Asphalt	400	2032	69.34	20.8	5.3	Preventative Maintenance	HMA-Slurry	\$10,239.55
46120	Sydenham Church Street	William Street	Portland Avenue	Hot Mix Asphalt	400	2032	81.3	24	3.7	Routine Maintenance	HMA-Crack Seal	\$731.40
53070	Desert Lake Road	2.55km West of Bedford Road	1.90km West of Bedford Road	Surface Treated	650	2032	70.1	49	12.2	Minor Rehabilitation Treatment	ST-SST	\$22,185.70
43030	Holleford Road	New Morin Road	Johnny Martin Road	Surface Treated	2900	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$98,982.35
55255	Road 38	0.56km North of Harrowsmith Road	0.70km North of Hinchinbrooke Road	Hot Mix Asphalt	4750	2032	87.76	85	8.6	Routine Maintenance	HMA-Crack Seal	\$11,580.45
40060	Amelia Street	Brewery Street	William Street	Hot Mix Asphalt	200	2032	73.05	21.7	4.8	Preventative Maintenance	HMA-EnhSurf	\$9,215.60
41800	Deer Run Way	Fox Ridge Trail	Bedford Road	Hot Mix Asphalt	450	2032	70.7	20.8	5	Preventative Maintenance	HMA-Slurry	\$11,519.50
43045	Holleford Road	Johnny Martin Road	Deer Park Lane	Surface Treated	1600	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$54,610.95
46315	Vanluven Road	Holleford Road	Loughborough Portland Road	Surface Treated	2400	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$71,384.31
56865	Sunbury Road	0.65km West of Hitchcock Drive	Hitchcock Drive	Surface Treated	700	2032	79.83	67.7	11.3	Preventative Maintenance	HMA-EnhSurf	\$26,878.83
46180	Sydenham William Street	Rutledge Road	Sydenham Mill Street	Hot Mix Asphalt	500	2032	89.97	44.8	3.7	Routine Maintenance	HMA-Crack Seal	\$1,188.52
52955	Desert Lake Road	Deyos Road	Holleford Road	Surface Treated	2800	2032	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$95,569.16
52725	Desert Lake Road	0.15km East of High Falls Road	Bauder Drive	Surface Treated	1550	2032	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$52,904.36
41635	Daley Road	Railton Road	0.60km North of Railton Road	Surface Treated	600	2032	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$17,553.52
46712	Wilmer Road	Perth Road 10	Perth Road Crescent	Hot Mix Asphalt	50	2032	89.93	29.8	2.5	Routine Maintenance	HMA-Crack Seal	\$106.66
51345	Bedford Road	1.5km North of Freeman Road	Busch Lane	Surface Treated	4050	2032	75.04	57.1	11.8	Minor Rehabilitation Treatment	ST-SST	\$118,486.26
45340	Randy Clark Road	West End of Road	Battersea Road	Surface Treated	2200	2032	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$225,270.17
46710	Wilmer Road	0.05km West of Perth Road 10	Perth Road 10	Hot Mix Asphalt	50	2032	87.39	29.8	3.1	Routine Maintenance	HMA-Crack Seal	\$91.42
44980	Percy Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	250	2032	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$228.56
45205	Quinn Road West	Wilton Road 18	Road 38	Surface Treated	1550	2032	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$29,475.29
45655	Verona Sand Road	West End of Road	Cross Road	Surface Treated	2200	2032	72.36	20.4	4.7	Minor Rehabilitation Treatment	ST-SST	\$53,635.75
43390	Keeley Road	Park Valley Road	Rutledge Road	Surface Treated	2200	2032	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$225,270.17
44905	Orser Road	West End of Road	Stage Coach Road	Surface Treated	1200	2032	72.36	28.8	6.6	Minor Rehabilitation Treatment	ST-SST	\$35,107.04
54450	Perth Road 10	4.10km North of Perth Road Crescent	9.60km North of Perth Road Crescent	Hot Mix Asphalt	5500	2032	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$11,732.82
40750	Buck Bay Road	2.6 km North of White Lake Road	Bob's Lake Road	Surface Treated	3800	2032	41.22	22.5	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$389,103.02
46495	Wellington Street	Battersea Road	United Street	Hot Mix Asphalt	250	2032	89.93	29.8	2.5	Routine Maintenance	HMA-Crack Seal	\$533.31

APPENDIX H

**Scenario 2 (Paved Roads) -
Maintain Current Condition**

Scenario Summary

Scenario

Name:	RNS Sc 2.1 Paved Maintain Current Condition V.1: with budget cap
Description:	Scenario 2 (Paved Roads) - Maintain Current Condition PCI of 72
Year:	2023

Optimization Settings

Optimization Mode	Standard
Planning Horizon (Years)	10
Include Priorities	Yes
Asset Replacement Value	No
Intervention Coordination	No
Discount Rate	0.00%
Rollover	No
Estimate Current Condition	False
Operational Efficiency	Yes
Condition Variation	10.0%
Project Size Limit	2000

Optimization Objective

Type	Min/Max	Weight (Sum = 1)	Performance Attribute
Maximize Network Performance (Recommended)	Max	1	NA

LOS Constraints

Acceptable Performance					
Name	Perf. Class	Perf. Attribute	Constraint	Violation	Penalty
Min Arterial Acceptable Condition	PC3-Minor Arterial	PCI	0.0% >= 51	Soft	Extreme
Maj Art Accaptable Condition	PC4-Major Arterial	PCI	0.0% >= 51	Soft	Extreme
Target Performance					
Name	Perf. Class	Perf. Attribute	Constraint	Violation	Penalty
Coll Target Condition	PC2-Collector	PCI	0.0% >= 70 by 2023	Soft	Normal
Min Art Target Condition	PC3-Minor Arterial	PCI	0.0% >= 75 by 2028	Soft	Normal
Maj Art Target Condition	PC4-Major Arterial	PCI	0.0% >= 75 by 2023	Soft	Normal
Local Target Condition	PC1-Local	PCI	>= 70 by 2023	Soft	Normal

Criticality Settings

Functional Class	
Collector	10
Freeway	35
Local	0
Major Arterial	2
Minor Arterial	100
Minimum Maintenance Standards	70
1	6
2	0
	100

3	65
4	35
5	15
6	0
Roadside Environment	1
Rural	40
Semi-Urban	50
Urban	60
Service Type	0
Commercial	60
Industrial	100
Residential	30
Surface Type	2
Composite	0
Concrete	0
Earth	0
Gravel	30
Hot Mix Asphalt	100
Surface Treated	60
Brick	0
Paver Interlock	0
AADT	5
less than 20	0
20 - 50	10
50 - 100	20
100 - 250	30
250 - 500	45
500 - 1000	60
1000 - 2500	75
2500 - 5000	90
5000 and over	100

Capacity Limit

Budget Constraints - RNS Sc 2.1 Paved Maintain Current Condition V.1: with budget cap

Name	Budget Type	Equality	Subset	Asset Types
Total Capital Budget	Total Capital Budget	<= (Less than or equal to)	NA	
Total Routine Maintenance	Total Routine Maintenance Budget	<= (Less than or equal to)	NA	

Budget Values - RNS Sc 2.1 Paved Maintain Current Condition V.1: with budget cap

Year	Total Capital Budget	Total Routine Maintenance
2023	3,750,000	250,000
2024	3,937,500	262,500
2025	4,134,375	275,625
2026	4,341,093	289,406
2027	4,558,148	303,876
2028	4,786,055	319,070
2029	5,025,358	335,023
2030	5,276,626	351,775
2031	5,540,457	369,363
2032	5,817,480	387,832

Optimization Result

Scenario Summary

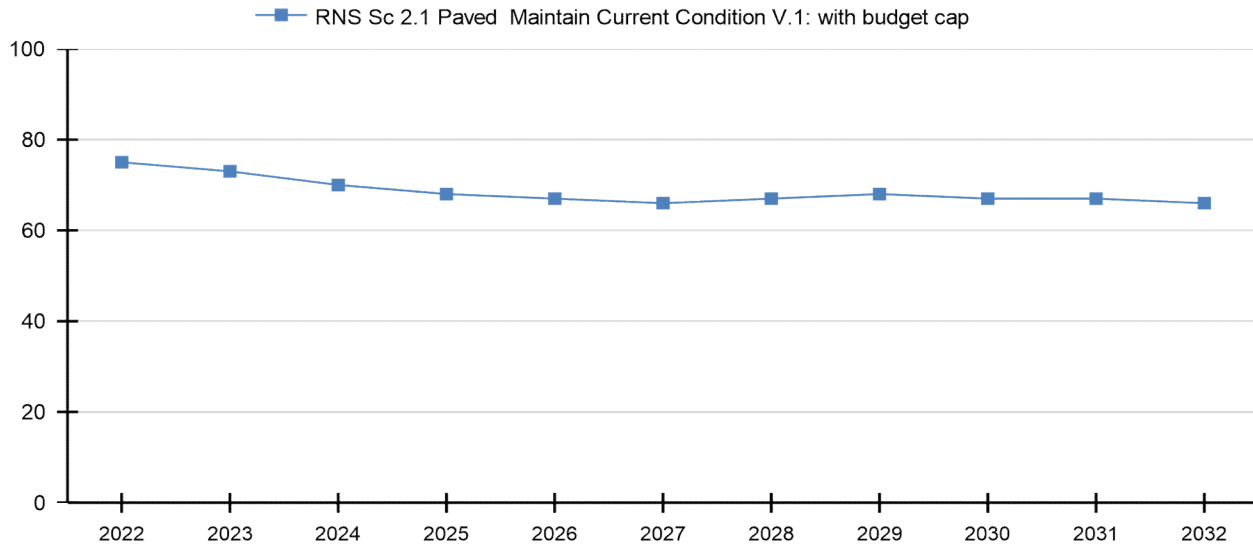
Scenario

Name:	RNS Sc 2.1 Paved Maintain Current Condition V.1: with budget cap
Description:	Scenario 2 (Paved Roads) - Maintain Current Condition at PCI of 72
Year:	2023

Optimization Settings

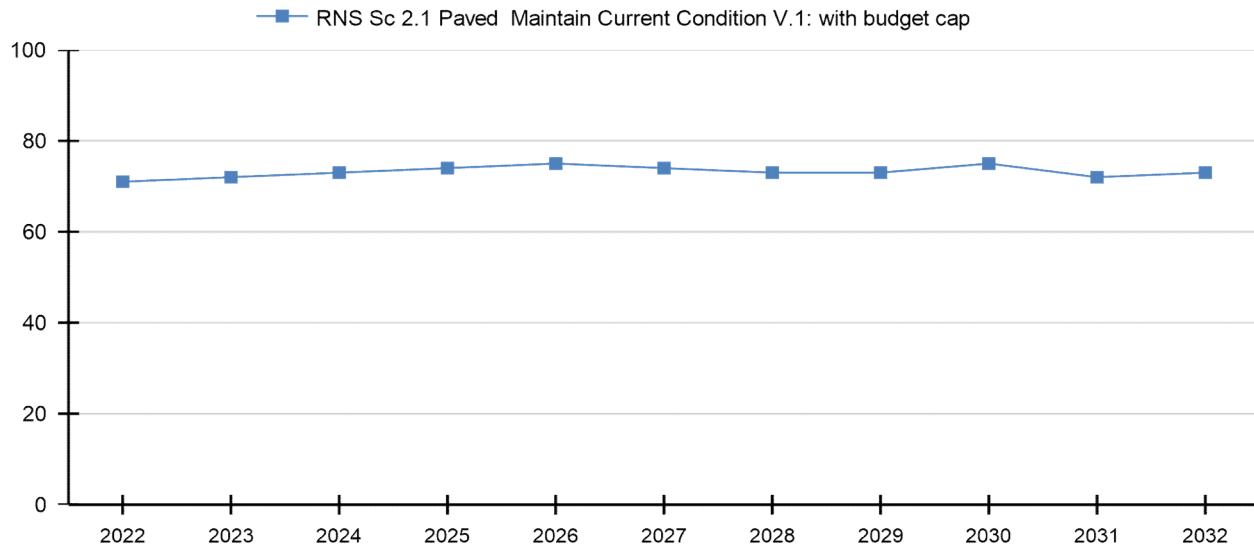
Optimization Mode	Standard
Planning Horizon (Years)	10
Include Priorities	Yes
Asset Replacement Value	No
Estimate Current Condition	False
Operational Efficiency	Yes

HMA PCI Projection



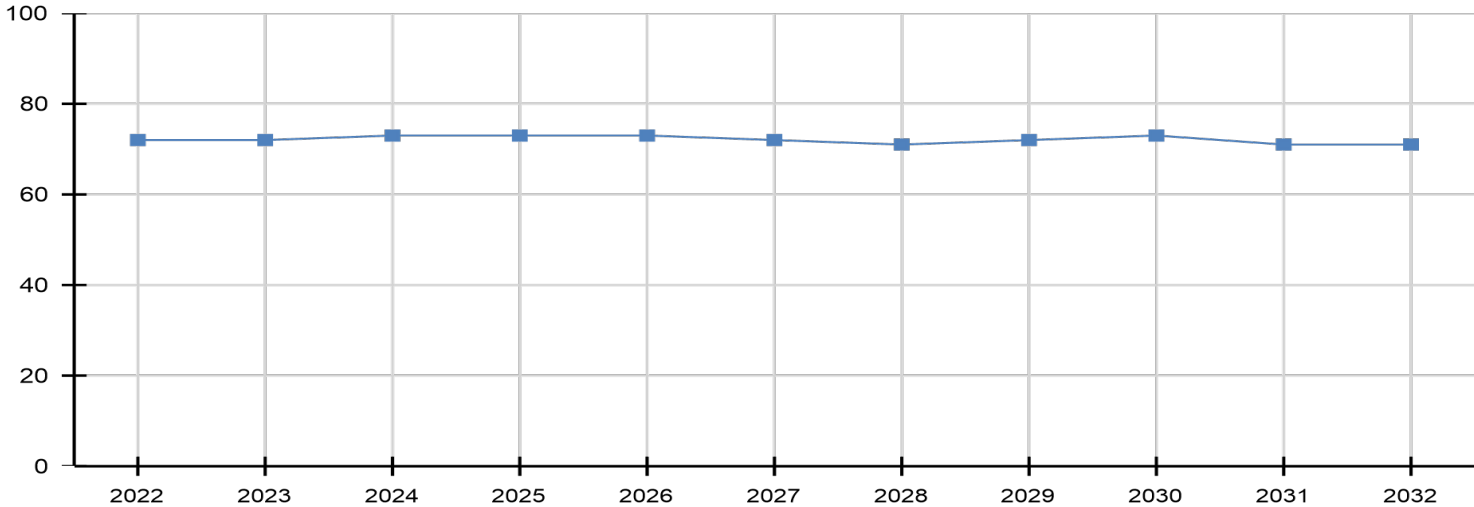
Year	.1: with budget cap
2022	75
2023	73
2024	70
2025	68
2026	67
2027	66
2028	67
2029	68
2030	67
2031	67
2032	66

ST PCI Projection



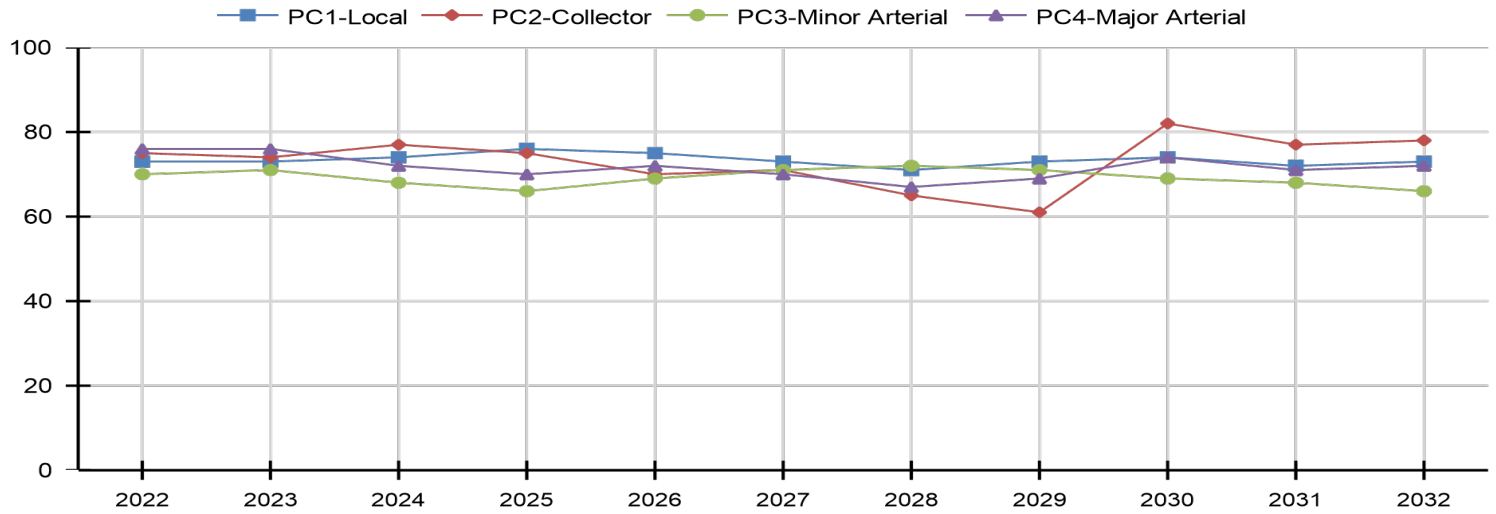
Year	ST PCI Projection
2022	71
2023	72
2024	73
2025	74
2026	75
2027	74
2028	73
2029	73
2030	75
2031	72
2032	73

Network Condition



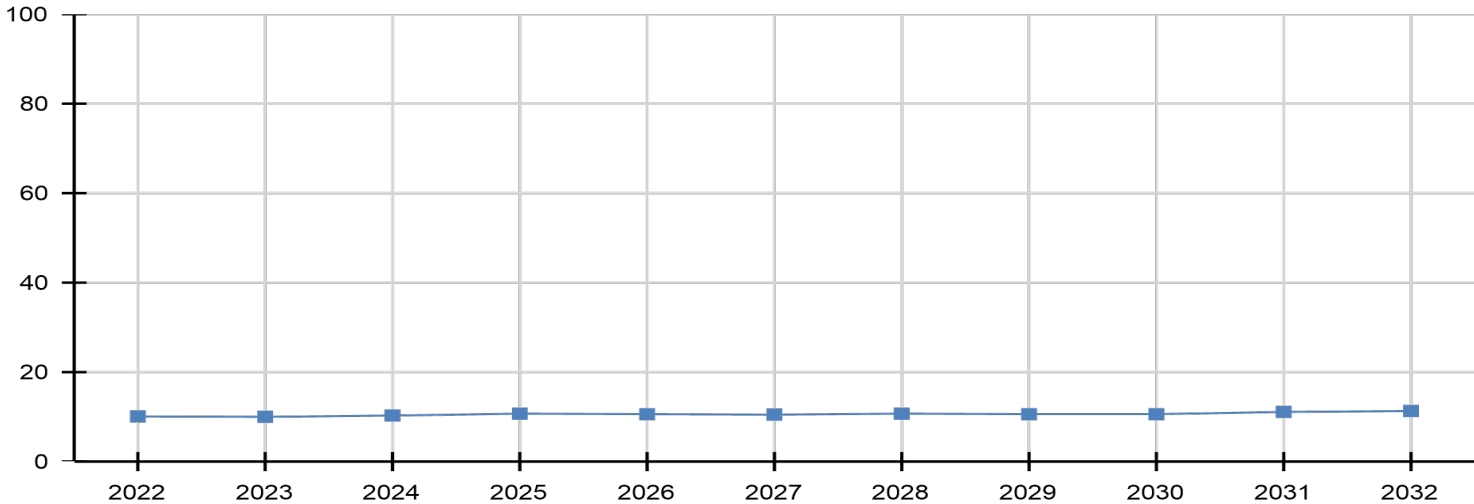
Year	Condition
2022	72
2023	72
2024	73
2025	73
2026	73
2027	72
2028	71
2029	72
2030	73
2031	71
2032	71

Network Condition by Performance Class



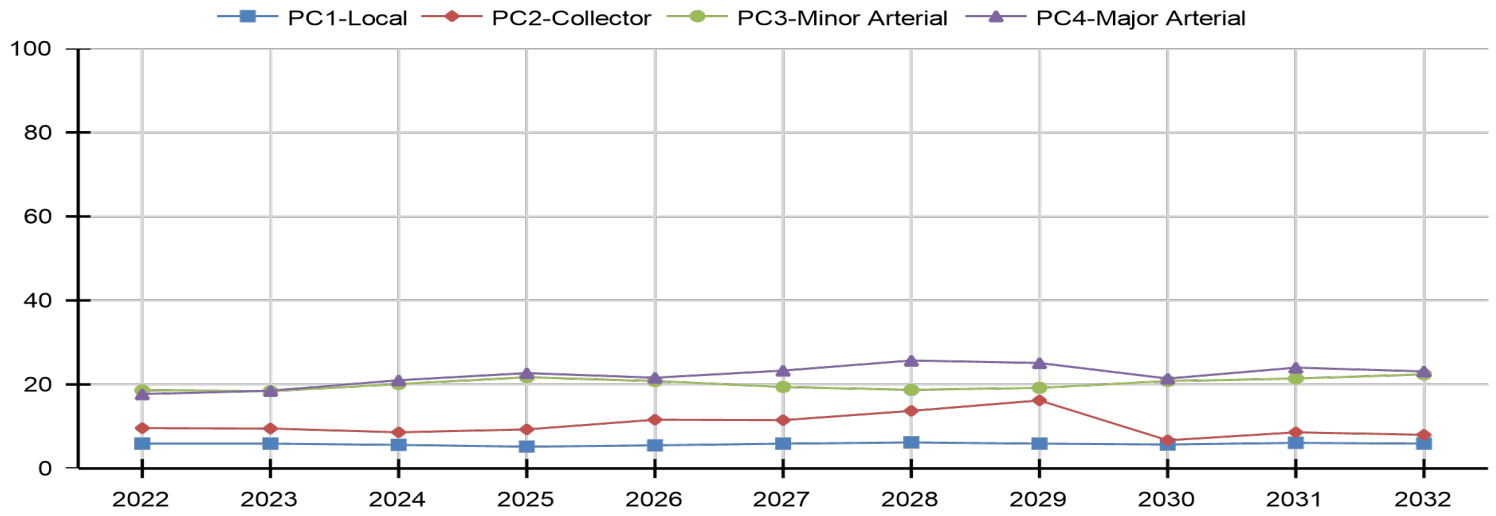
Year	PC1-Local	PC2-Collector	PC3-Minor Arterial	PC4-Major Arterial
2022	73	75	70	76
2023	73	74	71	76
2024	74	77	68	72
2025	76	75	66	70
2026	75	70	69	72
2027	73	71	71	70
2028	71	65	72	67
2029	73	61	71	69
2030	74	82	69	74
2031	72	77	68	71
2032	73	78	66	72

Network Risk Index



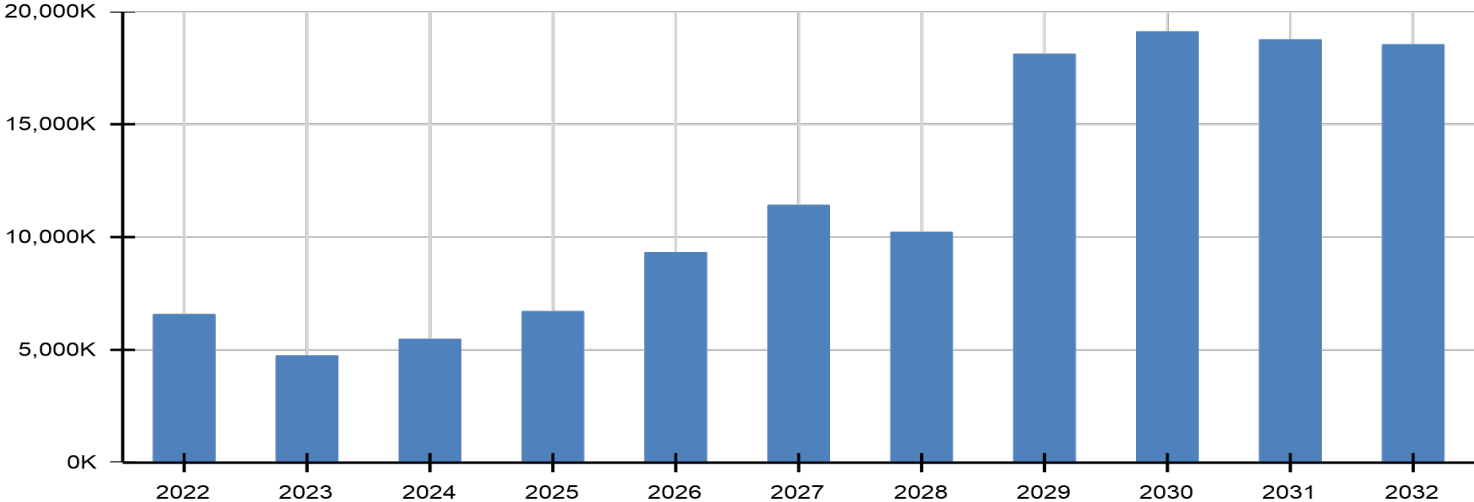
Year	Value
2022	10
2023	10
2024	10
2025	11
2026	11
2027	10
2028	11
2029	11
2030	11
2031	11
2032	11

Network Risk Index by Performance Class



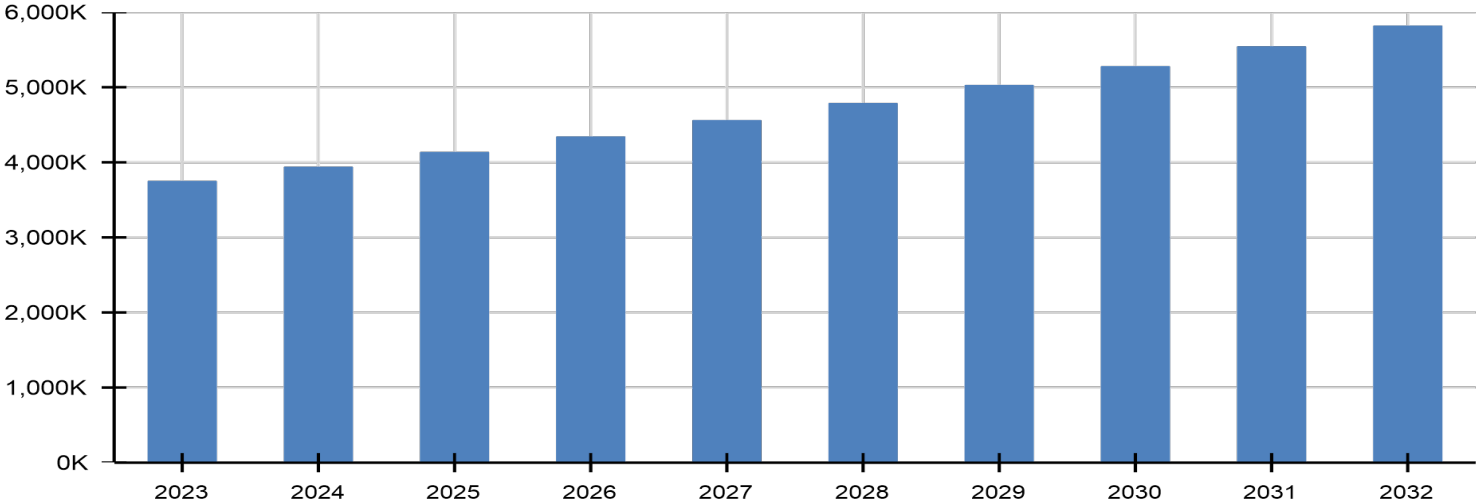
Year	PC1-Local	PC2-Collector	PC3-Minor Arterial	PC4-Major Arterial
2022	6	10	19	18
2023	6	10	18	19
2024	6	9	20	21
2025	5	9	22	23
2026	6	12	21	22
2027	6	12	19	23
2028	6	14	19	26
2029	6	16	19	25
2030	6	7	21	21
2031	6	9	21	24
2032	6	8	22	23

Deficit Projection



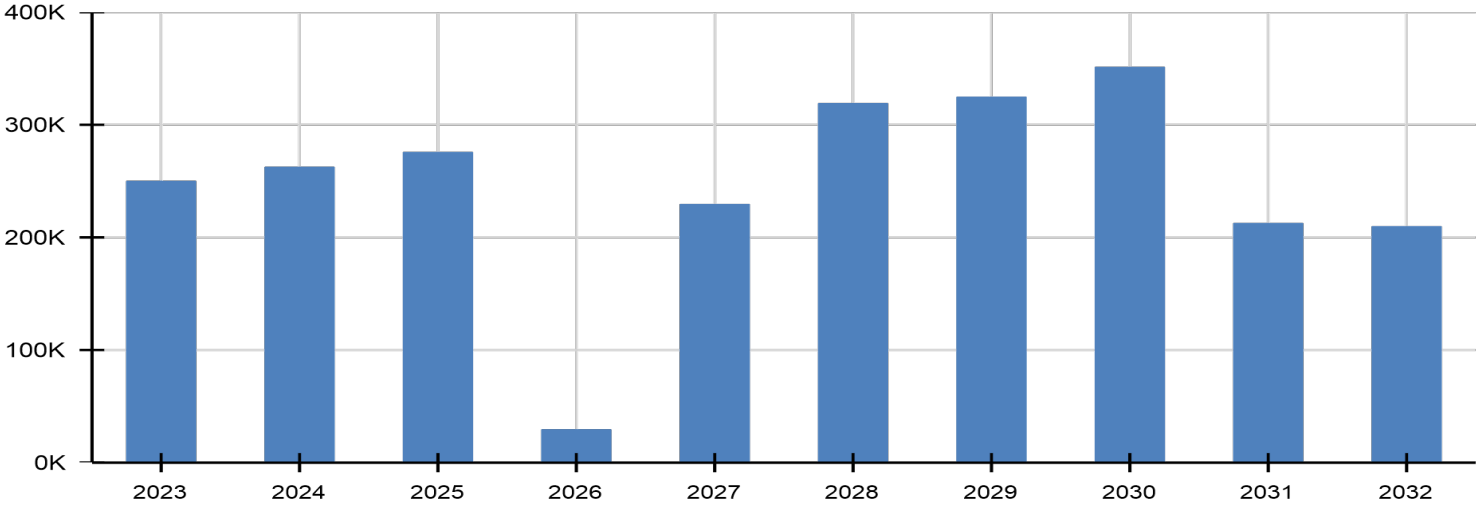
Year	Value
2022	\$6,568,110
2023	\$4,736,829
2024	\$5,468,082
2025	\$6,701,666
2026	\$9,311,333
2027	\$11,406,928
2028	\$10,209,670
2029	\$18,103,883
2030	\$19,100,684
2031	\$18,745,313
2032	\$18,526,738

Capital Expenditure



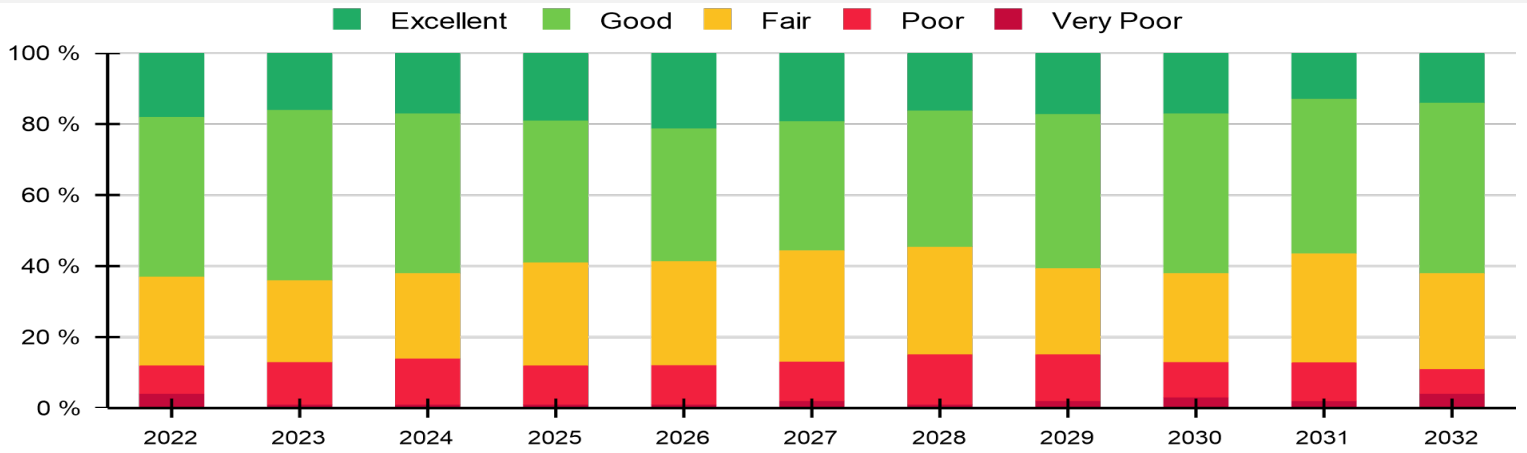
Year	Value
2023	\$3,749,095
2024	\$3,937,269
2025	\$4,134,241
2026	\$4,340,253
2027	\$4,557,802
2028	\$4,785,920
2029	\$5,024,906
2030	\$5,275,985
2031	\$5,539,968
2032	\$5,816,456

Maintenance Expenditure



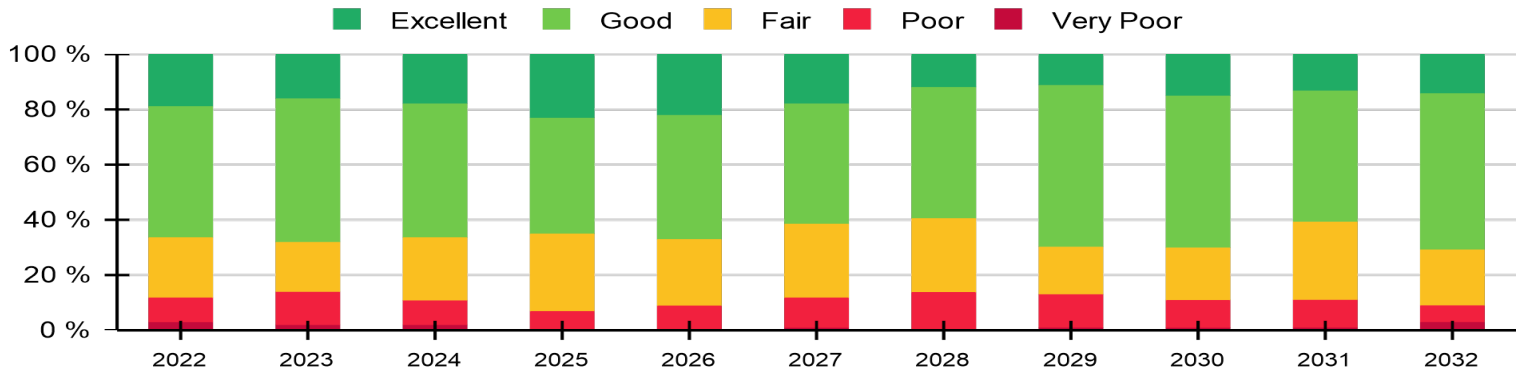
Year	Value
2023	\$249,981
2024	\$262,441
2025	\$275,584
2026	\$29,333
2027	\$229,422
2028	\$318,990
2029	\$324,688
2030	\$351,201
2031	\$212,529
2032	\$209,698

Network Condition Distribution



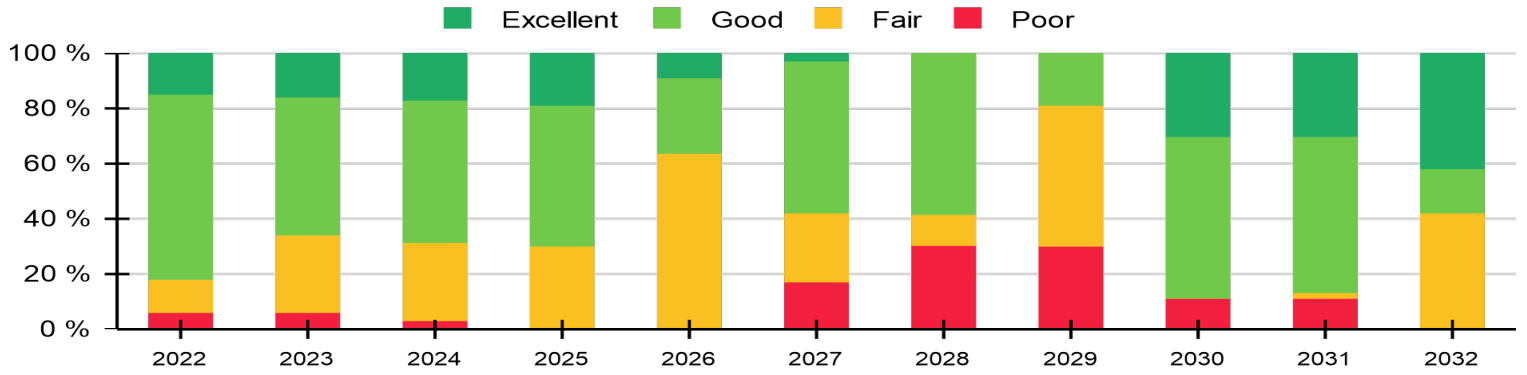
Year	Excellent	Good	Fair	Poor	Very Poor
2022	18%	45%	25%	8%	4%
2023	16%	48%	23%	12%	1%
2024	17%	45%	24%	13%	1%
2025	19%	40%	29%	11%	1%
2026	21%	37%	29%	11%	1%
2027	19%	36%	31%	11%	2%
2028	16%	38%	30%	14%	1%
2029	17%	43%	24%	13%	2%
2030	17%	45%	25%	10%	3%
2031	13%	44%	31%	11%	2%
2032	14%	48%	27%	7%	4%

PC1-Local Condition Distribution



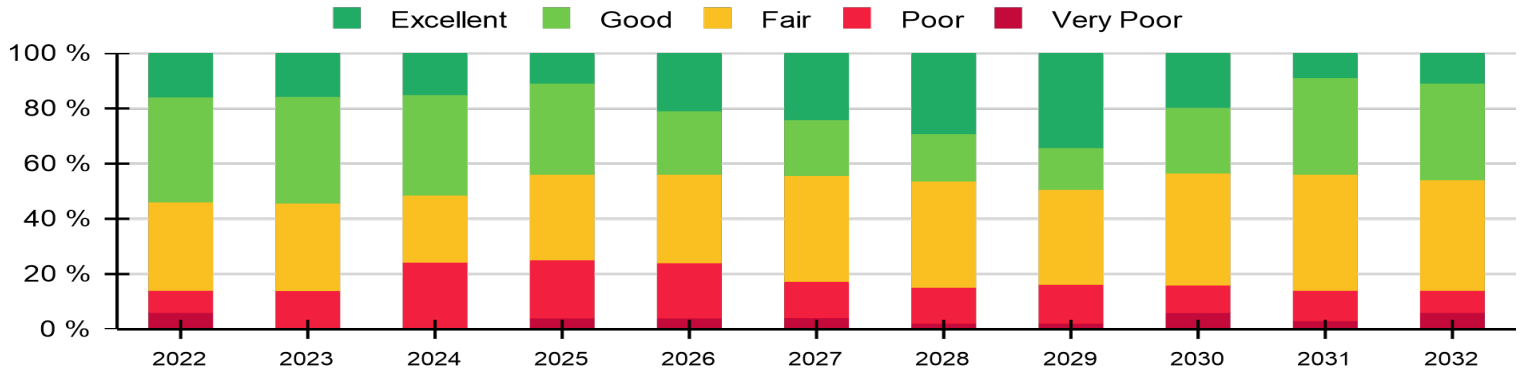
Year	Excellent	Good	Fair	Poor	Very Poor
2022	19%	48%	22%	9%	3%
2023	16%	52%	18%	12%	2%
2024	18%	49%	23%	9%	2%
2025	23%	42%	28%	7%	0%
2026	22%	45%	24%	9%	0%
2027	18%	44%	27%	11%	1%
2028	12%	48%	27%	14%	0%
2029	11%	58%	17%	12%	1%
2030	15%	55%	19%	10%	1%
2031	13%	47%	28%	10%	1%
2032	14%	56%	20%	6%	3%

PC2-Collector Condition Distribution



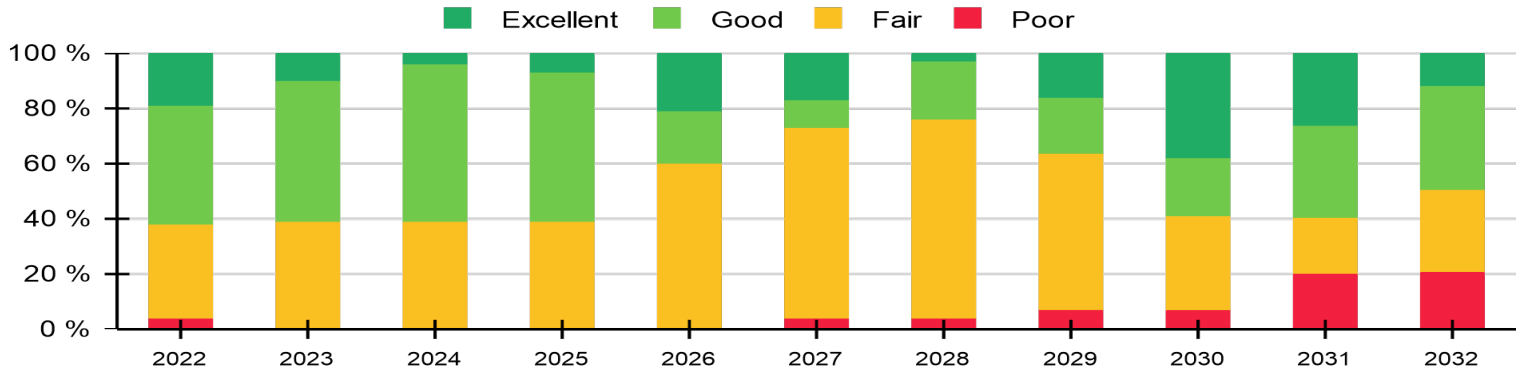
Year	Excellent	Good	Fair	Poor
2022	15%	67%	12%	6%
2023	16%	50%	28%	6%
2024	17%	51%	28%	3%
2025	19%	51%	30%	0%
2026	9%	27%	63%	0%
2027	3%	55%	25%	17%
2028	0%	58%	11%	30%
2029	0%	19%	51%	30%
2030	30%	58%	0%	11%
2031	30%	56%	2%	11%
2032	42%	16%	42%	0%

PC3-Minor Arterial Condition Distribution



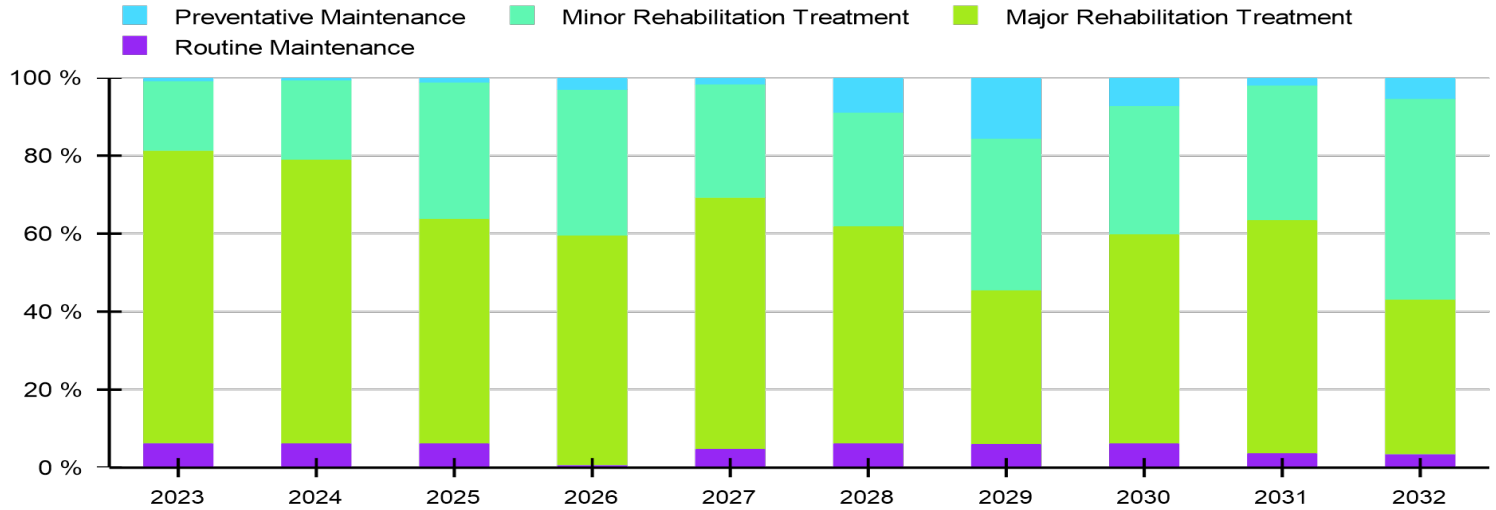
Year	Excellent	Good	Fair	Poor	Very Poor
2022	16%	38%	32%	8%	6%
2023	16%	39%	32%	14%	0%
2024	15%	36%	24%	24%	0%
2025	11%	33%	31%	21%	4%
2026	21%	23%	32%	20%	4%
2027	24%	20%	38%	13%	4%
2028	29%	17%	38%	13%	2%
2029	34%	15%	34%	14%	2%
2030	20%	24%	41%	10%	6%
2031	9%	35%	42%	11%	3%
2032	11%	35%	40%	8%	6%

PC4-Major Arterial Condition Distribution



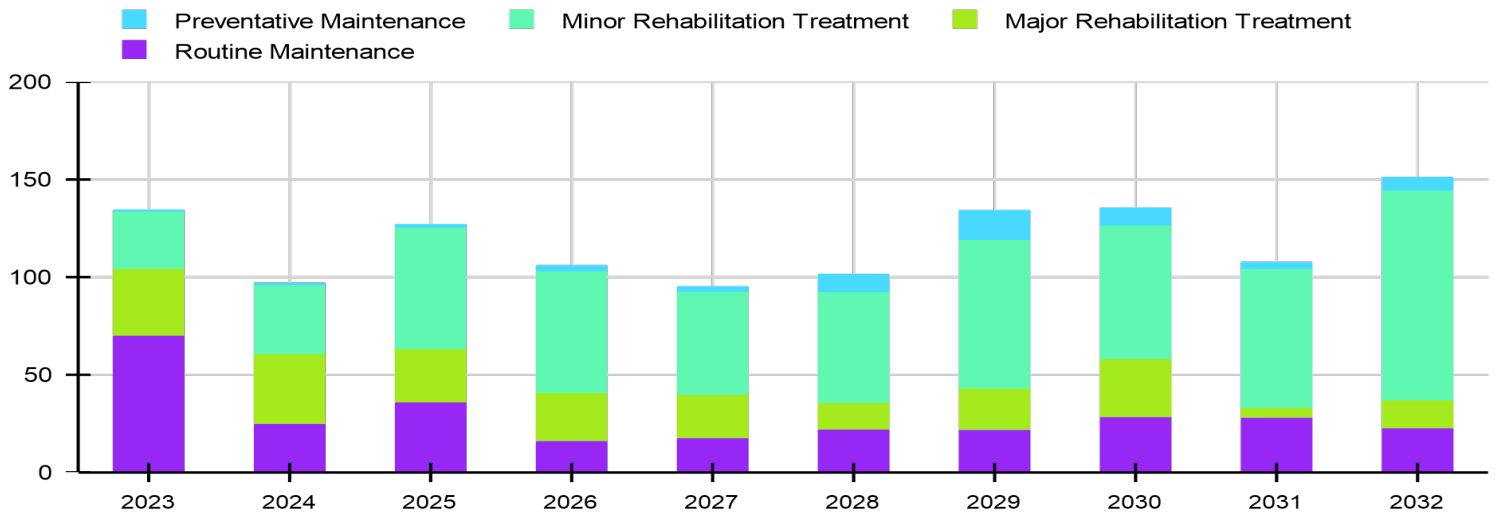
Year	Excellent	Good	Fair	Poor
2022	19%	43%	34%	4%
2023	10%	51%	39%	0%
2024	4%	57%	39%	0%
2025	7%	54%	39%	0%
2026	21%	19%	60%	0%
2027	17%	10%	69%	4%
2028	3%	21%	72%	4%
2029	16%	20%	56%	7%
2030	38%	21%	34%	7%
2031	26%	33%	20%	20%
2032	12%	38%	30%	21%

Capital Expenditure by Treatment Type



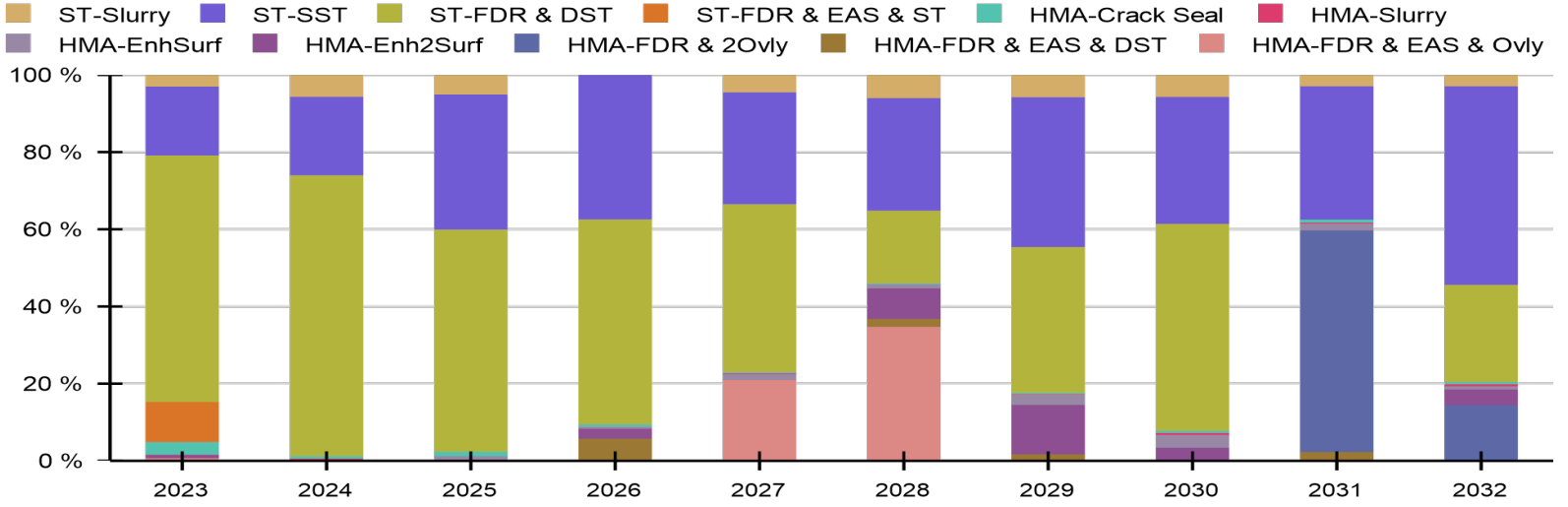
Year	Preventative Maintenance	Minor Rehabilitation Treatment	Major Rehabilitation Treatment	Routine Maintenance	Total
2023	\$35,789	\$712,552	\$3,000,754	\$249,981	\$3,999,076
2024	\$28,039	\$854,897	\$3,054,333	\$262,441	\$4,199,710
2025	\$54,512	\$1,542,020	\$2,537,709	\$275,584	\$4,409,825
2026	\$135,426	\$1,634,208	\$2,570,619	\$29,333	\$4,369,586
2027	\$84,545	\$1,387,454	\$3,085,803	\$229,422	\$4,787,224
2028	\$457,039	\$1,489,643	\$2,839,238	\$318,990	\$5,104,910
2029	\$838,296	\$2,077,692	\$2,108,918	\$324,688	\$5,349,594
2030	\$410,224	\$1,850,683	\$3,015,078	\$351,201	\$5,627,186
2031	\$114,107	\$1,988,371	\$3,437,490	\$212,529	\$5,752,497
2032	\$328,036	\$3,100,312	\$2,388,108	\$209,698	\$6,026,154
Total	\$2,486,013	\$16,637,832	\$28,038,050	\$2,463,867	\$49,625,762

Project Size by Treatment Type (Km)



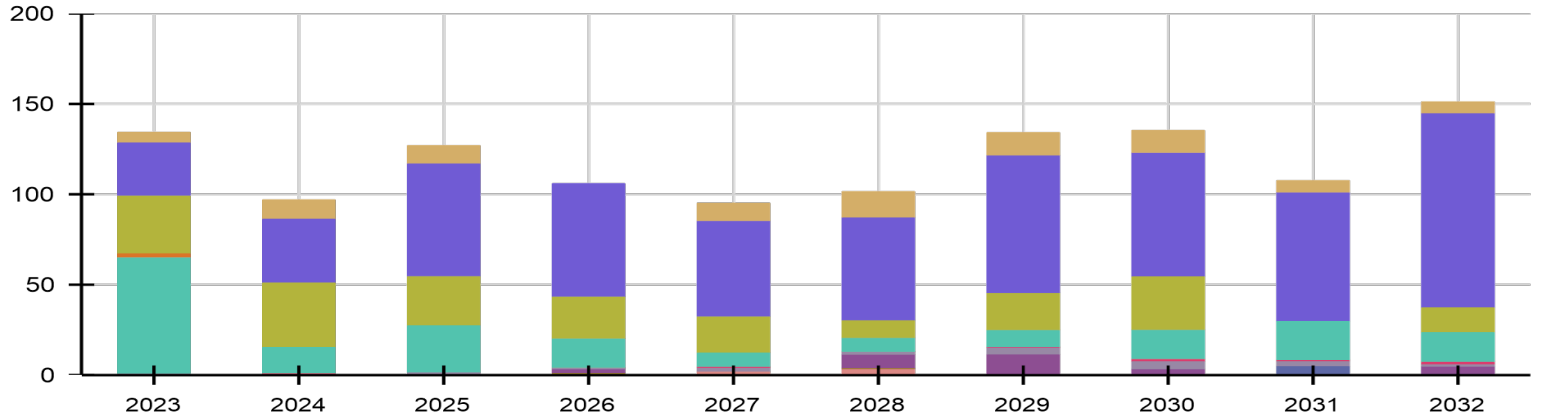
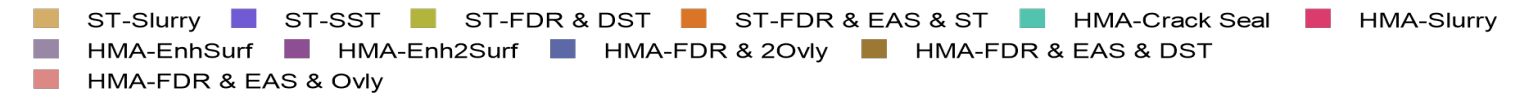
Year	Preventative Maintenance	Minor Rehabilitation Treatment	Major Rehabilitation Treatment	Routine Maintenance	Total
2023	0.75	29.32	34.25	70.00	134.32
2024	1.10	35.20	35.70	24.93	96.93
2025	1.55	62.30	27.20	35.90	126.95
2026	2.85	62.45	24.50	16.14	105.94
2027	2.60	52.80	22.15	17.60	95.15
2028	9.05	56.83	13.65	21.94	101.47
2029	15.10	76.10	21.05	21.90	134.15
2030	8.95	68.40	29.55	28.45	135.35
2031	3.50	71.13	4.90	28.10	107.63
2032	6.75	107.40	14.34	22.65	151.14
Total	52.20	621.93	227.29	287.61	1,189.03

Capital Expenditure by Treatment Method



Treatment	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total
ST-Slurry	\$120,610	\$236,762	\$224,438	\$0	\$214,468	\$305,008	\$306,989	\$319,863	\$166,903	\$174,633	\$2,069,674
ST-SST	\$712,552	\$854,897	\$1,542,020	\$1,634,208	\$1,387,454	\$1,489,643	\$2,077,692	\$1,850,683	\$1,988,371	\$3,100,312	\$16,637,832
ST-FDR & DST	\$2,554,763	\$3,054,333	\$2,537,709	\$2,319,630	\$2,081,303	\$959,378	\$2,017,597	\$3,015,078	\$0	\$1,517,160	\$20,056,951
ST-FDR & EAS & ST	\$416,262	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$416,262
HMA-Crack Seal	\$129,371	\$25,678	\$51,146	\$29,333	\$14,955	\$13,982	\$17,699	\$31,338	\$45,626	\$35,066	\$394,194
HMA-Slurry	\$2,142	\$28,039	\$0	\$4,546	\$12,752	\$1,182	\$8,443	\$31,576	\$15,288	\$34,772	\$138,740
HMA-EnhSurf	\$0	\$0	\$54,512	\$18,266	\$71,793	\$52,603	\$143,546	\$185,143	\$98,819	\$47,532	\$672,214
HMA-Enh2Surf	\$33,647	\$0	\$0	\$112,614	\$0	\$403,253	\$686,308	\$193,505	\$0	\$245,733	\$1,675,060
HMA-FDR & 2Ovly	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,304,476	\$870,947	\$4,175,423
HMA-FDR & EAS & DST	\$0	\$0	\$0	\$250,989	\$0	\$104,452	\$91,321	\$0	\$133,014	\$0	\$579,776
HMA-FDR & EAS & Ovly	\$29,729	\$0	\$0	\$0	\$1,004,500	\$1,775,409	\$0	\$0	\$0	\$0	\$2,809,638
Total	\$3,999,076	\$4,199,709	\$4,409,825	\$4,369,586	\$4,787,225	\$5,104,910	\$5,349,595	\$5,627,186	\$5,752,497	\$6,026,155	\$49,625,764

Project Size by Treatment Method (Km)



Treatment	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total
ST-Slurry	5.60	10.45	9.85	0.00	9.80	14.25	12.55	12.30	6.55	6.25	87.60
ST-SST	29.32	35.20	62.30	62.45	52.80	56.83	76.10	68.40	71.13	107.40	621.93
ST-FDR & DST	32.00	35.70	27.20	23.25	20.10	9.75	20.55	29.55	0.00	13.70	211.80
ST-FDR & EAS & ST	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20
HMA-Crack Seal	64.40	14.48	26.05	16.14	7.80	7.69	9.35	16.15	21.55	16.40	200.01
HMA-Slurry	0.10	1.10	0.00	0.20	0.55	0.10	0.35	1.30	0.60	1.30	5.60
HMA-EnhSurf	0.00	0.00	1.55	0.60	2.05	1.45	3.80	4.30	2.90	1.30	17.95
HMA-Enh2Surf	0.65	0.00	0.00	2.05	0.00	7.50	10.95	3.35	0.00	4.15	28.65
HMA-FDR & 2Ovly	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.30	0.64	4.94
HMA-FDR & EAS & DST	0.00	0.00	0.00	1.25	0.00	0.50	0.50	0.00	0.60	0.00	2.85
HMA-FDR & EAS & Ovly	0.05	0.00	0.00	0.00	2.05	3.40	0.00	0.00	0.00	0.00	5.50
Total	134.32	96.93	126.95	105.94	95.15	101.47	134.15	135.35	107.63	151.14	1,189.03

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	Treatment Type	Applied Treatment	Budgeted Cost
45955	Spooner Road	Perth Road 10	East End of Road	Surface Treated	550	2023	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 13,464.00
40030	Alton Road	Road 38	Loughborough Portland Road	Surface Treated	2700	2023	26.55	20.6	16.7	Major Rehabilitation Treatment	ST-FDR & DST	\$ 231,336.00
40615	Bradshaw Road	Road 38	Bob's Lake Road	Hot Mix Asphalt	900	2023	77.69	29	5.3	Routine Maintenance	HMA-Crack Seal	\$ 1,575.00
45670	Verona Sand Road	Cross Road	0.70km East of Cross Road	Surface Treated	700	2023	49.57	25.6	12.9	Major Rehabilitation Treatment	ST-FDR & DST	\$ 49,980.00
42370	Frontenac Road	Mount Chesney Road	Battersea Road	Surface Treated	500	2023	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 11,220.00
41230	Centreville Road	Devil Lake Road	0.40km East of Devil Lake Road	Surface Treated	400	2023	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 9,792.00
46405	Washburn Road	Battersea Road	Ida Hill Road	Surface Treated	2000	2023	60.46	29.6	10.9	Minor Rehabilitation Treatment	ST-SST	\$ 48,960.00
58820	Yarker Road 4	Camden Portland Boundary Road	Wilton Road 18	Hot Mix Asphalt	3750	2023	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$ 9,375.00
43870	Leveque Road	0.10km North of Bellrock Mill Street	Bellrock Pero Road	Surface Treated	1000	2023	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 24,480.00
44155	Mary Moore Road	2.07km North of Church Road (Bellrock)	3.17km North of Church Road (Bellrock)	Surface Treated	1100	2023	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 26,928.00
46510	Wellington Street	United Street	Milburn Road	Surface Treated	550	2023	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 13,464.00
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2023	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$ 350.00
41590	Cross Road	Bellrock Road	Verona Sand Road	Surface Treated	550	2023	49.57	22.5	11.4	Major Rehabilitation Treatment	ST-FDR & DST	\$ 35,343.00
46360	Walker Street	Verona Street	Road 38	Hot Mix Asphalt	50	2023	38.95	21.7	14.8	Major Rehabilitation Treatment	HMA-FDR & EAS & Ovly	\$ 29,728.51
50625	Battersea Road	Burnt Hills Road	1.70km North of Burnt Hills Road	Surface Treated	1700	2023	34.75	49	36.8	Major Rehabilitation Treatment	ST-FDR & DST	\$ 145,656.00
44925	Orser Road	1.20km East of Stage Coach Road	Sydenham Road	Hot Mix Asphalt	100	2023	73.35	32.1	7.1	Preventative Maintenance	HMA-Slurry	\$ 2,142.00
58750	Wilton Road 18	0.37km West of Road 38	0.12km West of Road 38	Hot Mix Asphalt	250	2023	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$ 531.25
45550	Round Lake Road	1.20km East of Latimer Road	2.20km East of Latimer Road	Surface Treated	1000	2023	63.01	20	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 24,480.00
42955	Hogan Road	West End of Road	Wilmer Road	Surface Treated	1900	2023	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 37,984.80
51920	Bellrock Road	Bellrock Mill Street	Long Swamp Road	Hot Mix Asphalt	2100	2023	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$ 5,250.00
54795	Perth Road 10	0.85km North of McComish Lane	6.00km North of McComish Lane	Hot Mix Asphalt	5150	2023	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$ 9,012.50
58775	Wilton Road 18	0.12km West of Road 38	Road 38	Hot Mix Asphalt	120	2023	82.6	87.5	12.6	Routine Maintenance	HMA-Crack Seal	\$ 330.00
40780	Burnett Road	South End of Road	Road 38	Surface Treated	300	2023	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 7,344.00
42235	Florida Road	1.30km South of Henderson Road	Henderson Road	Surface Treated	1300	2023	29.94	22.5	17.6	Major Rehabilitation Treatment	ST-FDR & DST	\$ 116,953.20
46000	Stage Coach Road	Campbell Road	Rutledge Road	Hot Mix Asphalt	650	2023	61.64	49.8	17.6	Preventative Maintenance	HMA-Enh2Surf	\$ 33,647.25
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Hot Mix Asphalt	850	2023	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$ 1,445.00
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2023	78.32	87.5	15.8	Routine Maintenance	HMA-Crack Seal	\$ 755.75
56290	Rutledge Road	Wheatley Street	Storm Haven Lane	Hot Mix Asphalt	1100	2023	78.32	89.6	16.1	Routine Maintenance	HMA-Crack Seal	\$ 2,860.00
41440	Colebrook Road	3.80km East of Camden Portland Boundary Road	5.30km East of Camden Portland Boundary Road	Surface Treated	1500	2023	63.01	31.9	10.7	Minor Rehabilitation Treatment	ST-SST	\$ 39,780.00
41575	Craig Road	Road 38	3.75km North of Road 38	Surface Treated	3750	2023	20.4	25.6	21.8	Major Rehabilitation Treatment	ST-FDR & DST	\$ 267,750.00
42865	Hinchinbrooke Road	0.20km North of Road 38	0.29km North of Trousdale Road	Surface Treated	1000	2023	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 24,480.00
45475	River Road	West End of Road	Petworth Road	Surface Treated	250	2023	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 4,080.00
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Hot Mix Asphalt	300	2023	79.83	60.4	10.1	Routine Maintenance	HMA-Crack Seal	\$ 600.00
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2023	87.76	76.2	7.7	Routine Maintenance	HMA-Crack Seal	\$ 2,450.00
45265	Railton Road	Sydenham Road	0.05km East of Sydenham Road	Hot Mix Asphalt	50	2023	84.78	45.8	5.8	Routine Maintenance	HMA-Crack Seal	\$ 78.75
53645	Perth Road 10	Spooner Road	Moreland Dixon Road	Hot Mix Asphalt	5400	2023	75.1	85	17.6	Routine Maintenance	HMA-Crack Seal	\$ 12,150.00
43450	Kildeer Drive	Pine Ridge Road	North End of Road	Surface Treated	200	2023	72.36	9.6	2.2	Minor Rehabilitation Treatment	ST-SST	\$ 4,080.00
46330	Verona Street	Verona Sand Road	North End of Road	Hot Mix Asphalt	900	2023	77.03	24.8	4.7	Routine Maintenance	HMA-Crack Seal	\$ 1,350.00
52610	Desert Lake Road	0.15km West of High Falls Road	0.15km East of High Falls Road	Surface Treated	300	2023	85.04	52.1	6.4	Minor Rehabilitation Treatment	ST-SST	\$ 8,568.00
57325	Sydenham Road	Horning Road	2.00km North of Horning Road	Hot Mix Asphalt	2000	2023	82.88	85	12.1	Routine Maintenance	HMA-Crack Seal	\$ 4,500.00
45175	Quarry Road	0.40km North of Boyce Road	1.30km North of Boyce Road	Surface Treated	900	2023	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 22,032.00
45385	Revell Road	Bank Street	North End of Road	Surface Treated	900	2023	60.46	18.3	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 22,032.00
43975	Loughborough Portland Road	Harrowsmith Road	Alton Road	Surface Treated	1400	2023	38.94	45.6	31.2	Major Rehabilitation Treatment	ST-FDR & DST	\$ 119,952.00
43495	Kingston Road	Road 38	Harrowsmith Road	Hot Mix Asphalt	300	2023	78.41	27.9	5	Routine Maintenance	HMA-Crack Seal	\$ 525.00
44680	Norway Road	Draper Lake Road	Charlie Green Road	Surface Treated	100	2023	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$ 1,750.00
42445	George Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2023	87.76	76.9	7.8	Routine Maintenance	HMA-Crack Seal	\$ 292.50
52495	Desert Lake Road	Road 38	0.15km West of High Falls Road	Surface Treated	2950	2023	34.75	52.1	39.1	Major Rehabilitation Treatment	ST-FDR & DST	\$ 252,756.00
50750	Battersea Road	2.30km North of Burnt Hills Road	4.50km North of Burnt Hills Road	Surface Treated	2200	2023	24.36	49	40.4	Major Rehabilitation Treatment	ST-FDR & EAS & ST	\$ 416,262.00
50250	Battersea Road	Sunbury Road	Larry York Road	Hot Mix Asphalt	5200	2023	83.77	74.2	10	Routine Maintenance	HMA-Crack Seal	\$ 8,710.00
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorn Road	Hot Mix Asphalt	1200	2023	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$ 2,070.00
57440	Sydenham Road	Orser Road	1.45km North of Keeley Road	Hot Mix Asphalt	5250	2023	75.1	82.9	17.2	Routine Maintenance	HMA-Crack Seal	\$ 11,812.50
40330	Battersea Mill Street	Battersea Road	South End of Road	Surface Treated	150	2023	33.52	15.4	11.7	Major Rehabilitation Treatment	ST-FDR & DST	\$ 6,426.00
42535	Gorr Road	Road 38	East End of Road	Surface Treated	900	2023	41.22	20.4	13.1	Major Rehabilitation Treatment	ST-FDR & DST	\$ 61,689.60
45280	Railton Road	0.05km East of Sydenham Road	Cliffside Drive	Surface Treated	2900	2023	77.74	45.6	8.4	Routine Maintenance	ST-Slurry	\$ 64,960.00
56405	Rutledge Road	Storm Haven Lane	2.20km East of Sydenham Road	Hot Mix Asphalt	2750	2023	82.88	74.2	10.5	Routine Maintenance	HMA-Crack Seal	\$ 6,256.25
55715	Road 38	Desert Lake Road	0.80km North of Snider Road	Hot Mix Asphalt	3100	2023	78.69	82.9	14.7	Routine Maintenance	HMA-Crack Seal	\$ 6,200.00
54565	Perth Road 10	Roushorn Road	Clear Lake Road	Hot Mix Asphalt	500	2023	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$ 875.00
57555	Sydenham Road	1.45km North of Keeley Road	Rutledge Road	Hot Mix Asphalt	350	2023	78.69	82.9	14.7	Routine Maintenance	HMA-Crack Seal	\$ 787.50
42460	George Street	Wheatley Street	Portland Avenue	Hot Mix Asphalt	200	2023	82.88	76.9	10.9	Routine Maintenance	HMA-Crack Seal	\$ 445.00
44635	North Shore Crescent	Perth Road 10	Perth Road 10	Surface Treated	1100	2023	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 26,928.00
45370	Redmond Road	0.25km West of Holleford Road	Holleford Road	Surface Treated	250	2023	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 6,528.00
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Hot Mix Asphalt	3350	2023	78.69	81.2	14.4	Routine Maintenance	HMA-Crack Seal	\$ 5,695.00
44890	Ormsbee Road	Milburn Road	East End of Road	Surface Treated	2650	2023	26.55	28.8	23.2	Major Rehabilitation Treatment	ST-FDR & DST	\$ 227,052.00
44575	Mustard Road	East End of Road	Craig Road	Surface Treated	250	2023	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 4,080.00
56175	Rutledge Road	0.13km West of Sydenham Church Street	Wheatley Street	Hot Mix Asphalt	550	2023	82.6	89.6	12.9	Routine Maintenance	HMA-Crack Seal	\$ 1,375.00
42655	Greenfield Road	West End of Road	0.70km West of Perth Road 10	Surface Treated	150	2023	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$ 12,852.00
43435	Kerr Road	Petworth Road	North End of Road	Surface Treated	600	2023	45.32	20.4	11.7	Major Rehabilitation Treatment	ST-FDR & DST	\$ 36,842.40
45190	Quinn Road East	Road 38	East End of Road	Surface Treated	1600	2023	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 33,945.60
42985	Holleford Road	0.15km East of Road 38	Vanlueven Road	Surface Treated	1600	2023	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 39,168.00
41110	Canoe Lake Road	3.4km South of Westport Road	0.3km South of Westport Road	Hot Mix Asphalt	350	2023	77.69	25.8	4.8	Routine Maintenance	HMA-Crack Seal	\$ 525.00
42025	Easy Street	West End of Road	Road 38	Surface Treated	100	2023	45.32	9.6	5.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 7,140.00
50125	Battersea Road	Moreland Dixon Road	Sunbury Road	Hot Mix Asphalt	500	2023	87.57	87.5	9	Routine Maintenance	HMA-Crack Seal	\$ 912.50
42085	Factory Road	Washburn Road	Sunbury Road	Surface Treated	1400	2023	49.57	20.4	10.3	Major Rehabilitation Treatment	ST-FDR & DST	\$ 109,956.00
46240	Tom Watson Road	West End of Road	Watson Road	Surface Treated	400	2023	49.57	9.6	4.8	Major Rehabilitation Treatment	ST-FDR & DST	\$ 22,848.00
58725	Wilton Road 18	0.65km West of Road 38	0.37km West of Road 38	Hot Mix Asphalt	280	2023	78.32	87.5	15.8	Routine Maintenance	HMA-Crack Seal	\$ 840.00
40245	Cedarwoods Drive	Road 38	Valleyview Drive	Surface Treated	360	2023	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 10,281.60
50675	Battersea Road	1.70km North of Burnt Hills Road	2.30km North of Burnt Hills Road	Surface Treated	600	2023	38.61	62.3	42.9	Major Rehabilitation Treatment	ST-FDR & DST	\$ 51,408.00
40855	Burnt Hills Road	5.0km East of Battersea Road	0.61km West of Carrying Place Road	Surface Treated	1000	2023	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 21,000.00
43300	Jamieson Road	Road 38	1.30km East of Road 38	Surface Treated	1300	2023	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 31,824.00
46300	Valleyview Drive	South End of Road	Cedarwoods Drive	Surface Treated	500	2023	60.46	18.3	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 12,240.00
40540	Bracken Road	Yarker Road 4	McLean Road	Surface Treated	1550	2023	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$ 130,590.60
44305	McLean Road	Wallace Road	Colebrook Road	Surface Treated	1350	2023	49.57	25.6	12.9	Major Rehabilitation Treatment	ST-FDR & DST	\$ 115,668.00
45160	Quarry Road	Boyce Road	0.40km North of Boyce Road	Surface Treated	400	2023	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 8,160.00
51000	Bedford Road	Portland Avenue	Alton Road	Hot Mix Asphalt	1000	2023	82.88	76.9	10.9	Routine Maintenance	HMA-Crack Seal	\$ 2,000.00
42070	Ernie Road	West End of Road	Lower Round Lake Road	Surface Treated	400	2023	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 9,792.00
45700	Verona Sand Road	McMahon Drive	Road 38	Hot Mix Asphalt	250	2023	79.87	32.9	5.5	Routine Maintenance	HMA-Crack Seal	\$ 418.75
43180	Holmes Road	Lakefield Drive	Davidson Road	Surface Treated	1500	2023	77.08	31.9	6	Routine Maintenance	ST-Slurry	\$ 31,500.00
57210	Sydenham Mill Street	Rutledge Road	George Street	Hot Mix Asphalt	400	2023	78.69	70.6	12.5	Routine Maintenance	HMA-Crack Seal	\$ 890.00
46180	Sydenham William Street	Rutledge Road	Sydenham Mill Street	Hot Mix Asphalt	500	2023	86.05	44.8	5.2	Routine Maintenance	HMA-Crack Seal	\$ 975.00
40600	Bradford Road	Wolfe Swamp Road	Ellerbeck Road	Surface Treated	650	2023	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 14,586.00
52955	Desert Lake Road	Devos Road	Holleford Road	Surface Treated	2800	2023	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$ 79,968.00
41185	Cedarwoods Drive	Valleyview Drive	0.30km North of Valleyview Drive	Surface Treated	310	2023	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 8,853.60
52725	Desert Lake Road	0.15km East of High Falls Road	Bauder Drive	Surface Treated	1550	2023	75.04	49	10.1	Minor Rehabilitation Treatment	ST-SST	\$ 44,268.00
58590	Wilton Road 18	3.6km West of Yarker Road 4	Yarker Road 4	Hot Mix Asphalt	3600	2023	76.48	71	13.9	Routine Maintenance	HMA-Crack Seal	\$ 6,030.00
42580	Graham Road	Park Street	West End of Road	Surface Treated	500	2023</						

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	2024	Condition	Criticality	Risk	Treatment Type	Applied Treatment	Budgeted Cost
44755	Oak Bluffs Road	South End of Road	Alf Patterson Road	Hot Mix Asphalt	3050	2024	76.15	23.8	4.7	Routine Maintenance	HMA-Crack Seal	\$ 4,666.50	
40240	Autumn Ridge Drive	Middle Woodland Drive	South End of Road	Surface Treated	300	2024	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 8,989.06	
43930	Long Swamp Road	German Road	2.05km South of Bellrock Road	Surface Treated	2100	2024	33.52	11.7	8.8	Major Rehabilitation Treatment	ST-FDR & DST	\$ 186,585.34	
43690	Latimer Road	Dover Road	Davidson Road	Surface Treated	950	2024	61.99	45.6	15.9	Minor Rehabilitation Treatment	ST-SST	\$ 23,721.12	
52150	Bellrock Road	Cross Road	Road 38	Hot Mix Asphalt	1300	2024	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$ 2,320.50	
43360	Keeley Road	Sydenham Road	0.30km East of Sydenham Road	Hot Mix Asphalt	300	2024	87.78	45.8	4.6	Routine Maintenance	HMA-Crack Seal	\$ 573.75	
40435	Bellrock Mill Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	250	2024	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$ 318.75	
42250	Forest Hill Point	Valleyview Drive	South End of Road	Surface Treated	400	2024	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 11,652.48	
43195	Holmes Road	Davidson Road	Moreland Dixon Road	Surface Treated	600	2024	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 14,981.76	
46270	Trousdale Road	Hinchinbrooke Road	Holleford Road	Surface Treated	1700	2024	46.88	23.3	12.8	Major Rehabilitation Treatment	ST-FDR & DST	\$ 153,521.42	
41455	Colebrook Road	5.30km East of Camden Portland Boundary Road	Road 38	Hot Mix Asphalt	1100	2024	66.43	35.2	10.3	Preventative Maintenance	HMA-Slurry	\$ 28,038.78	
44110	Maple Hill Way	South End of Road	Hitchcock Drive	Surface Treated	300	2024	72.36	9.6	2.2	Minor Rehabilitation Treatment	ST-SST	\$ 7,490.88	
43045	Holleford Road	Johnny Martin Road	Deer Park Lane	Surface Treated	1600	2024	41.22	28.8	18.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 163,134.72	
51690	Bedford Road	1.00km North of Salmon Lake Road	Desert Lake Road	Surface Treated	3600	2024	38.61	50.8	35	Major Rehabilitation Treatment	ST-FDR & DST	\$ 314,616.96	
44380	Middle Woodlands Drive	Autumn Ridge Drive	South End of Road	Surface Treated	500	2024	58.43	9.6	3.7	Minor Rehabilitation Treatment	ST-SST	\$ 14,565.60	
42265	Forest Road	Murvale Road	Stage Coach Road	Surface Treated	1900	2024	45.32	20.6	11.9	Major Rehabilitation Treatment	ST-FDR & DST	\$ 168,815.30	
44770	Old Boy Road	Perth Road 10	Holmes Road	Surface Treated	1600	2024	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 42,614.78	
46712	Wilmer Road	Perth Road 10	Perth Road Crescent	Hot Mix Asphalt	50	2024	89.93	29.8	2.5	Routine Maintenance	HMA-Crack Seal	\$ 89.25	
40840	Burnt Hills Road	1.4km East of Battersea Road	1.8km East of Battersea Road	Surface Treated	400	2024	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 8,568.00	
43630	Lakeside Road	West End of Road	Duff Road	Surface Treated	300	2024	67.66	20.4	5.7	Minor Rehabilitation Treatment	ST-SST	\$ 5,992.70	
46710	Wilmer Road	0.05km West of Perth Road 10	Perth Road 10	Hot Mix Asphalt	50	2024	87.39	29.8	3.1	Routine Maintenance	HMA-Crack Seal	\$ 76.50	
45655	Verona Sand Road	West End of Road	Cross Road	Surface Treated	2200	2024	45.32	20.4	11.7	Major Rehabilitation Treatment	ST-FDR & DST	\$ 160,221.60	
45235	Railton Road	Stage Coach Road	0.55km East of Stage Coach Road	Surface Treated	550	2024	83.21	42.5	5.9	Routine Maintenance	ST-Slurry	\$ 12,566.40	
44395	Milburn Road	Ida Hill Road	2.00km West of Ida Hill Road	Surface Treated	2000	2024	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 42,840.00	
44275	McGarvey Road	Battersea Road	0.15km North of Battersea Road	Surface Treated	150	2024	49.57	25.6	12.9	Major Rehabilitation Treatment	ST-FDR & DST	\$ 13,109.04	
41695	Davidson Road	Latimer Road	Holmes Road	Surface Treated	1000	2024	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 26,634.24	
45460	Ritchie Road	Wilmer Road	Perth Road 10	Surface Treated	1900	2025	60.46	23.3	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 56,456.27	
44920	Orser Road	Stage Coach Road	1.20km East of Stage Coach Road	Surface Treated	1200	2025	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 33,109.69	
41275	Church Road (Bellrock)	Bellrock Road	Mary Moore Road	Surface Treated	1500	2025	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 31,836.24	
44005	Loughborough Portland Road	Jamieson Road	Vanluven Road	Surface Treated	700	2025	47.59	42.5	22.9	Major Rehabilitation Treatment	ST-FDR & DST	\$ 62,399.03	
45580	Round Lake Road	3.50km East of Latimer Road	4.10km East of Latimer Road	Surface Treated	600	2025	67.66	28.8	8	Minor Rehabilitation Treatment	ST-SST	\$ 15,281.40	
44320	McMahon Drive	Verona Sand Road	Bank Street	Hot Mix Asphalt	250	2025	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$ 390.15	
42340	Freeman Road	Gould Lake Road	Bedford Road	Surface Treated	1950	2025	45.32	22.5	13	Major Rehabilitation Treatment	ST-FDR & DST	\$ 173,825.87	
44545	Murvale Road	Murton Road	Scanlan Road	Surface Treated	1550	2025	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 36,687.11	
44230	McConnell Road	South End of Road	Clark Road	Surface Treated	1600	2025	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 27,166.92	
44725	Notre Dame Street	Church Street (Harrowsmith)	0.35km South of Centennial Park Road	Hot Mix Asphalt	350	2025	79.87	21.7	3.6	Routine Maintenance	HMA-Crack Seal	\$ 728.28	
41905	Devil Lake Road	Centreville Road	Westport Road	Surface Treated	1650	2025	49.57	13.8	6.9	Major Rehabilitation Treatment	ST-FDR & DST	\$ 171,597.33	
43255	Ida Hill Road	Sunbury Road	Milburn Road	Surface Treated	1900	2025	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 56,456.27	
44925	Orser Road	1.20km East of Stage Coach Road	Sydenham Road	Hot Mix Asphalt	100	2025	83.45	32.1	4.4	Routine Maintenance	HMA-Crack Seal	\$ 156.06	
45415	Rideau Road	Burnt Hills Road	0.75km North of Burnt Hills Road	Surface Treated	950	2025	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 20,162.95	
58750	Wilton Road 18	0.37km West of Road 38	0.12km West of Road 38	Hot Mix Asphalt	250	2025	78.32	87.5	15.8	Routine Maintenance	HMA-Crack Seal	\$ 552.71	
44245	McConnell Road	Clark Road	Yarke Road 4	Surface Treated	1450	2025	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 36,930.04	
51920	Bellrock Road	Bellrock Mill Street	Long Swamp Road	Hot Mix Asphalt	2100	2025	76.48	71	13.9	Routine Maintenance	HMA-Crack Seal	\$ 5,462.10	
43810	Leland Road	Perth Road 10	0.30km East of Perth Road 10	Surface Treated	300	2025	72.36	22.5	5.1	Minor Rehabilitation Treatment	ST-SST	\$ 7,640.70	
45115	Portland Avenue	Sydenham Church Street	George Street	Hot Mix Asphalt	700	2025	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$ 1,274.49	
40570	Bradford Road	Camden Portland Boundary Road	2.00km East of Camden Portland Boundary Road	Surface Treated	500	2025	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 12,734.50	
46105	Switzer Road	Portland Avenue	North End of Road	Surface Treated	200	2025	67.66	13.8	3.8	Minor Rehabilitation Treatment	ST-SST	\$ 2,546.90	
41710	Davidson Road	Holmes Road	Mowodens Lane	Surface Treated	1500	2025	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 38,203.49	
42595	Graham Road	Park Street	Road 38	Surface Treated	200	2025	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 3,990.14	
45085	Pine Ridge Road	Road 38	East End of Road	Hot Mix Asphalt	450	2025	77.03	21.7	4.1	Routine Maintenance	HMA-Crack Seal	\$ 585.23	
41065	Canoe Lake Road	Holsgrove Lane	James Wilson Road	Surface Treated	2300	2025	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 58,578.68	
44560	Murvale Road	Scanlan Road	Amey Road	Surface Treated	1400	2025	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 33,136.74	
44995	Perth Road Crescent	Perth Road 10	Perth Road 10	Hot Mix Asphalt	600	2025	83.2	26.7	3.7	Routine Maintenance	HMA-Crack Seal	\$ 1,092.42	
40967	Milburn Road	2.9km East of Battersea Road	0.45km East of Ormsbee Road	Surface Treated	1450	2025	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 31,680.18	
46000	Stage Coach Road	Campbell Road	Rutledge Road	Hot Mix Asphalt	650	2025	86.05	49.8	5.7	Routine Maintenance	HMA-Crack Seal	\$ 1,183.46	
52840	Desert Lake Road	Bauder Drive	Deys Road	Surface Treated	2200	2025	70.1	49	12.2	Minor Rehabilitation Treatment	ST-SST	\$ 65,370.41	
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Hot Mix Asphalt	850	2025	76.48	71	13.9	Routine Maintenance	HMA-Crack Seal	\$ 1,503.38	
46705	Wilmer Road	Norway Road	0.05km West of Perth Road 10	Surface Treated	700	2025	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 14,856.91	
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2025	71.5	87.5	20.7	Preventative Maintenance	HMA-EnhSurf	\$ 14,397.94	
44590	New Morin Road	Vanluven Road	Holleford Road	Surface Treated	1700	2025	49.57	28.8	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 151,540.50	
45535	Round Lake Road	Latimer Road	1.20km East of Latimer Road	Surface Treated	1200	2025	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 30,562.79	
44665	North Shore Road	Hewlett Packard Road	Convery Lane	Surface Treated	4000	2025	29.94	22.5	17.6	Major Rehabilitation Treatment	ST-FDR & DST	\$ 356,565.89	
42295	Fox Ridge Trail	West End of Road	East End of Road	Hot Mix Asphalt	600	2025	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$ 967.57	
58015	Westport Road	0.20km East of Burrigge Road	1.10km East of Lee Road	Surface Treated	2500	2025	42.66	54	33.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 259,995.96	
43345	Johns Way Road	Heska Crescent	Heska Crescent	Surface Treated	300	2025	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 7,640.70	
46645	William Street	Rutledge Road	Church Street (Harrowsmith)	Hot Mix Asphalt	200	2025	85.16	26.7	3.2	Routine Maintenance	HMA-Crack Seal	\$ 364.14	
42790	Heska Crescent	Holmes Road	Holmes Road	Surface Treated	1250	2025	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 37,142.28	
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2025	78.69	76.2	13.5	Routine Maintenance	HMA-Crack Seal	\$ 2,548.98	
41680	Davey Road	South End of Road	Maple Drive	Hot Mix Asphalt	450	2025	81.3	20.8	3.2	Routine Maintenance	HMA-Crack Seal	\$ 819.32	
43375	Keeley Road	0.30km East of Sydenham Road	Park Valley Road	Surface Treated	2200	2025	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$ 212,453.84	
41425	Colebrook Road	2.70km East of Camden Portland Boundary Road	3.80km East of Camden Portland Boundary Road	Surface Treated	1100	2025	49.57	28.8	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 106,226.92	
45265	Railton Road	Sydenham Road	0.05km East of Sydenham Road	Hot Mix Asphalt	50	2025	79.96	45.8	7.6	Routine Maintenance	HMA-Crack Seal	\$ 81.93	
43600	Lakefield Drive	2.00km South of Holmes Road	1.30km South of Holmes Road	Surface Treated	700	2025	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 17,828.29	
41245	Centreville Road	0.40km East of Devil Lake Road	0.80km East of Devil Lake Road	Surface Treated	400	2025	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 10,187.60	
43825	Leland Road	0.30km East of Perth Road 10	1.60km East of Perth Road 10	Surface Treated	1300	2025	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 33,109.69	
44170	Mary Moore Road	Church Road (Bellrock)	2.07km North of Church Road (Bellrock)	Surface Treated	2200	2025	49.57	25.6	12.9	Major Rehabilitation Treatment	ST-FDR & DST	\$ 179,768.64	
42700	Greenfield Road	0.77km East of Perth Road 10	Duff Road	Surface Treated	830	2025	67.66	28.8	8	Minor Rehabilitation Treatment	ST-SST	\$ 21,139.26	
41335	Clark Road	McConnell Road	East End of Road	Surface Treated	900	2025	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 14,517.33	
57325	Sydenham Road	Horning Road	2.00km East of Horning Road	Hot Mix Asphalt	2000	2025	75.1	85	17.6	Routine Maintenance	HMA-Crack Seal	\$ 4,681.80	
44365	Mica Point Road	South End of Road	Badour Road	Surface Treated	450	2025	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 7,640.70	
45835	Silverwood Drive	Holmes Road	North End of Road	Surface Treated	950	2025	67.66	28.8	8	Minor Rehabilitation Treatment	ST-SST	\$ 24,195.54	
46435	Washburn Road	Factory Road	1.00km East of Factory Road	Surface Treated	1000	2025	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 25,468.99	
44485	Mount Chesney Road	Frontenac Road	Beach Nut Road	Surface Treated	1600	2025	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 40,750.39	
44410	Milburn Road	1.80km South of Wellington Street	Wellington Street	Surface Treated	1800	2025	77.08	22.5	4.2	Routine Maintenance	ST-Slurry	\$ 39,327.12	
42880	Hinchinbrooke Road	0.29km North of Trousdale Road	0.99km North of Trousdale Road	Surface Treated	700	2025	67.66	20.6	5.7	Minor Rehabilitation Treatment	ST-SST	\$ 20,799.68	
43495	Kingson Road	Harrowsmith Road	Harrowsmith Road	Hot Mix Asphalt	300	2025	75.7	27.9	5.6	Routine Maintenance	HMA-Crack Seal	\$ 546.21	
44680	Norway Road	Draper Lake Road	Charlie Green Road	Surface Treated	100	2025	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 2,122.42	
42445	George Street	Sydenham Mill Street	Wheatley Street	Surface Treated	150	2025	78.69	76.9	13.6	Routine Maintenance	HMA-Crack Seal	\$ 304.32	
50250	Battersea Road	Sunbury Road	Larry York Road	Hot Mix Asphalt	5200	2025	76.48	74.2	14.5	Routine Maintenance	HMA-Crack Seal	\$ 9,061.88	
42685	Greenfield Road	Perth Road 10	0.77km East of Perth Road 10	Surface Treated	770	2025	67.66	28.8	8	Minor Rehabilitation Treatment	ST-SST	\$ 19,611.12	
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorn Road	Hot Mix Asphalt	1200	2025	76.48	71	13.9	Routine Maintenance	HMA-Crack Seal	\$ 2,153.63	
41380	Cliffside Drive	Railton Road	North End of Road	Surface Treated	800	2025	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 21,733.54	
45145	Princess Road	0.15km West of Battersea Road	Battersea Road	Hot Mix Asphalt	150	2025	79.39	24	4.1	Routine Maintenance	HMA-Crack Seal	\$ 273.11	
41005	Canoe Lake Road	Desert Lake Road	0.8km North of Desert Lake Road	Surface Treated	850	2025	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 21,648.64	
45025	Petworth Road	Garrison Court	River Road	Surface Treated	1250	2025	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 31,862.25	
40075	Amey Road	West End of Road	Murvale Road										

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	Treatment Type	Applied Treatment	Budgeted Cost
46750	Wolfe Swamp Road	Colebrook Road	Petworth Road	Surface Treated	2900	2026	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 263,680.47
42370	Frontenac Road	Mount Chesney Road	Battersea Road	Surface Treated	500	2026	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 11,906.75
53990	Perth Road 10	North Shore Crescent	Perth Road Crescent	Hot Mix Asphalt	5300	2026	78.69	74.2	13.1	Routine Maintenance	HMA-Crack Seal	\$ 9,420.87
41230	Centreville Road	Devil Lake Road	0.40km East of Devil Lake Road	Surface Treated	400	2026	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 10,391.35
46405	Washburn Road	Battersea Road	Ida Hill Road	Surface Treated	2000	2026	60.46	29.6	10.9	Minor Rehabilitation Treatment	ST-SST	\$ 51,956.74
43870	Leveque Road	0.10km North of Bellrock Mill Street	Bellrock Pero Road	Surface Treated	1000	2026	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 25,978.37
43095	Holmes Road	Heska Crescent	Silverwood Drive	Surface Treated	600	2026	53.95	28.8	12.9	Minor Rehabilitation Treatment	ST-SST	\$ 15,587.02
44155	Mary Moore Road	2.07km North of Church Road (Bellrock)	3.17km North of Church Road (Bellrock)	Surface Treated	1100	2026	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 28,576.21
43855	Leveque Road	Bellrock Mill Street	0.10km North of Bellrock Mill Street	Hot Mix Asphalt	100	2026	77.69	12.9	2.4	Routine Maintenance	HMA-Crack Seal	\$ 106.12
46510	Wellington Street	United Street	Milburn Road	Surface Treated	550	2026	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 14,288.10
40465	Bellrock Pepper Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	100	2026	77.69	12.9	2.4	Routine Maintenance	HMA-Crack Seal	\$ 79.59
41035	Canoe Lake Road	1.3km North of Desert Lake Road	2.8km North of Desert Lake Road	Surface Treated	1500	2026	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 45,462.15
46360	Walker Street	Verona Street	Road 38	Hot Mix Asphalt	50	2026	89.93	21.7	1.8	Routine Maintenance	HMA-Crack Seal	\$ 116.73
41290	Church Street (Harrowsmith)	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2026	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$ 265.30
43075	Holmes Road	Heska Crescent	Heska Crescent	Surface Treated	1350	2026	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 40,915.94
45550	Round Lake Road	1.20km East of Latimer Road	2.20km East of Latimer Road	Surface Treated	1000	2026	63.01	20	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 25,978.37
42955	Hogan Road	West End of Road	Wilmer Road	Surface Treated	1900	2026	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 40,309.77
44965	Park Valley Road	South End of Road	Keeley Road	Surface Treated	450	2026	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 13,638.65
45625	Salmon Drive	Lakeview Drive	East End of Road	Hot Mix Asphalt	100	2026	77.69	12.9	2.4	Routine Maintenance	HMA-Crack Seal	\$ 132.65
41140	Carlton Drive	Road 38	Cemetery Road	Hot Mix Asphalt	450	2026	75.7	13.8	2.7	Routine Maintenance	HMA-Crack Seal	\$ 716.32
40780	Burnett Road	South End of Road	Road 38	Surface Treated	300	2026	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 7,793.51
42970	Holleford Road	Road 38	0.15km East of Road 38	Hot Mix Asphalt	150	2026	79.87	32.9	5.5	Routine Maintenance	HMA-Crack Seal	\$ 318.36
41440	Colebrook Road	3.80km East of Camden Portland Boundary Road	5.30km East of Camden Portland Boundary Road	Surface Treated	1500	2026	63.01	31.9	10.7	Minor Rehabilitation Treatment	ST-SST	\$ 42,214.85
42865	Hinchinbrooke Road	0.29km North of Road 38	0.29km North of Trousdale Road	Surface Treated	1000	2026	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 25,978.37
51460	Bedford Road	Busch Lane	Salmon Lake Road	Surface Treated	2400	2026	70.1	54	13.4	Minor Rehabilitation Treatment	ST-SST	\$ 72,739.44
45475	River Road	West End of Road	Petworth Road	Surface Treated	250	2026	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 4,329.73
50875	Battersea Road	4.50km North of Burnt Hills Road	East End of Road	Surface Treated	6100	2026	42.66	45.8	28.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 619,346.03
44845	Opinicon Road	Post Office Gate Lane	1.70km East of Post Office Gate Lane	Surface Treated	1700	2026	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 44,163.23
43120	Holmes Road	Davidson Road	Latimer Road	Surface Treated	1400	2026	49.57	28.8	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 148,509.69
40495	Botting Road	Bedford Road	Sills Bay Road	Surface Treated	750	2026	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 19,483.78
46555	White Lake Road	West End of Road	Buck Bay Road	Surface Treated	1100	2026	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 33,338.91
41200	Cemetery Road	Water Street	North End of Road	Hot Mix Asphalt	50	2026	79.39	12.9	2.2	Routine Maintenance	HMA-Crack Seal	\$ 66.33
42010	Duff Road	Round Lake Road	North End of Road	Surface Treated	2250	2026	45.32	17.5	10.1	Major Rehabilitation Treatment	ST-FDR & DST	\$ 204,579.68
43210	Horning Road	West End of Road	Sydenham Road	Surface Treated	1550	2026	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 40,266.48
42430	Genge Street	Road 38	East End of Road	Hot Mix Asphalt	100	2026	76.15	12.9	2.5	Routine Maintenance	HMA-Crack Seal	\$ 185.71
40690	Brewery Street	William Street	Sydenham Mill Street	Hot Mix Asphalt	200	2026	85.16	24.8	3	Routine Maintenance	HMA-Crack Seal	\$ 371.42
45250	Railton Road	0.55km East of Stage Coach Road	Sydenham Road	Surface Treated	1200	2026	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 36,369.72
54680	Perth Road 10	Clear Lake Road	McComish Lane	Hot Mix Asphalt	2100	2026	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$ 5,571.34
45175	Quarry Road	0.40km North of Boyce Road	1.30km North of Boyce Road	Surface Treated	900	2026	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 23,380.53
45385	Revell Road	Bank Street	North End of Road	Surface Treated	900	2026	60.46	18.3	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 23,380.53
46135	Sydenham Cross Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2026	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$ 242.75
41365	Clearwater Road	Bedford Road	Botting Road	Surface Treated	500	2026	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 10,824.32
41260	Charlie Green Road	Little Long Lake Road	Norway Road	Surface Treated	2200	2026	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 57,152.42
41305	Church Street (Harrowsmith)	Road 38	East End of Road	Hot Mix Asphalt	200	2026	85.16	21.7	2.6	Routine Maintenance	HMA-Crack Seal	\$ 371.42
46030	Steele Road	South End of Road	Bradshaw Road	Surface Treated	2200	2026	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 47,627.02
45070	Piccadilly Road	Road 38	Arena Boundary Road	Hot Mix Asphalt	150	2026	79.39	29	4.9	Routine Maintenance	HMA-Crack Seal	\$ 238.77
45685	Verona Sand Road	0.70km East of Cross Road	McMahon Drive	Hot Mix Asphalt	1250	2026	40.87	32.1	20.9	Major Rehabilitation Treatment	HMA-FDR & EAS & DST	\$ 250,988.96
43645	Lakeview Drive	Salmon Drive	Pine Ridge Road	Hot Mix Asphalt	150	2026	79.39	12.9	2.2	Routine Maintenance	HMA-Crack Seal	\$ 238.77
57900	Westport Road	New Road	0.20km East of Burrigge Road	Surface Treated	3400	2026	38.61	54	37.2	Major Rehabilitation Treatment	ST-FDR & DST	\$ 360,666.40
40345	Battersea Water Street	North End of Road	Battersea Road	Hot Mix Asphalt	100	2026	83.2	21.7	3	Routine Maintenance	HMA-Crack Seal	\$ 185.71
41788	Deer Creek Drive	0.4km North of Spooner Road	Whitetail Court	Hot Mix Asphalt	560	2026	81.3	20.8	3.2	Routine Maintenance	HMA-Crack Seal	\$ 891.41
46545	Whitetail Court	Fawn Brook Drive	North End of Road	Hot Mix Asphalt	240	2026	83.45	16.7	2.2	Routine Maintenance	HMA-Crack Seal	\$ 382.03
46345	Vienna Crescent	Sumac Road	North End of Road	Surface Treated	350	2026	58.43	22.5	8.8	Minor Rehabilitation Treatment	ST-SST	\$ 9,698.59
44935	Ottawa Street	Railway Street	North End of Road	Hot Mix Asphalt	100	2026	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$ 159.18
43000	Holleford Road	Vanluven Road	Trousdale Road	Surface Treated	1350	2026	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 36,239.83
40300	Bank Street	Revell Road	Surface Treated	500	2026	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 12,989.19	
40165	Arena Boundary Road	Davey Road	2.15km East of Davey Road	Surface Treated	2150	2026	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 55,853.50
46420	Washburn Road	Ida Hill Road	Factory Road	Surface Treated	1600	2026	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 48,492.96
41755	Davidson Road	Perth Road 10	Holmes Road	Surface Treated	500	2026	58.43	28.8	11.3	Minor Rehabilitation Treatment	ST-SST	\$ 12,989.19
44635	North Shore Crescent	Perth Road 10	Perth Road 10	Surface Treated	1100	2026	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 28,576.21
42520	Goodrich Street	Percy Street	Main Street	Hot Mix Asphalt	100	2026	76.15	12.9	2.5	Routine Maintenance	HMA-Crack Seal	\$ 106.12
45370	Redmond Road	0.25km West of Holleford Road	Holleford Road	Surface Treated	250	2026	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 6,927.57
40705	Buck Bay Road	Westport Road	0.3km North of Westport Road	Hot Mix Asphalt	200	2026	67.92	32.1	8.8	Preventative Maintenance	HMA-Slurry	\$ 4,546.22
44575	Mustard Road	East End of Road	Craig Road	Surface Treated	250	2026	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 4,329.73
45190	Quinn Road East	Road 38	East End of Road	Surface Treated	1600	2026	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 36,023.34
42985	Holleford Road	0.15km East of Road 38	Vanluven Road	Surface Treated	1600	2026	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 41,565.39
42108	Fawn Brook Drive	0.40km North of Spooner Road	Whitetail Court	Hot Mix Asphalt	260	2026	83.45	20.8	2.8	Routine Maintenance	HMA-Crack Seal	\$ 413.87
46165	Sydenham Walker Road	Rock Quarry Lane	Sydenham Church Street	Hot Mix Asphalt	400	2026	79.39	29	4.9	Routine Maintenance	HMA-Crack Seal	\$ 636.72
40315	Battersea Cross Street	Wellington Street	Battersea Road	Hot Mix Asphalt	100	2026	83.2	21.7	3	Routine Maintenance	HMA-Crack Seal	\$ 159.18
57670	Westport Road	2.70km West of Buck Bay Road	Buck Bay Road	Surface Treated	2700	2026	46.88	57.1	31.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 245,495.61
45805	Short Street	Bank Street	North End of Road	Surface Treated	50	2026	72.36	17.5	4	Minor Rehabilitation Treatment	ST-SST	\$ 1,082.43
46390	Walsh Road	Perth Road 10	0.15km East of Perth Road 10	Hot Mix Asphalt	650	2026	81.3	12.9	2	Routine Maintenance	HMA-Crack Seal	\$ 689.79
40245	Cedarwoods Drive	Road 38	Valleyview Drive	Surface Treated	360	2026	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 10,910.92
52150	Bellrock Road	Cross Road	Road 38	Hot Mix Asphalt	1300	2026	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$ 2,414.25
40855	Burnt Hills Road	5.0km East of Battersea Road	0.61km West of Carrying Place Road	Surface Treated	1000	2026	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 25,978.37
43300	Jamieson Road	Road 38	1.30km East of Road 38	Surface Treated	1300	2026	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 33,771.88
46300	Valleyview Drive	South End of Road	Cedarwoods Drive	Surface Treated	500	2026	60.46	18.3	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 12,989.19
46075	Sumac Road	Sydenham Road	East End of Road	Surface Treated	1150	2026	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 34,356.40
46150	Sydenham Walker Road	Loughborough Portland Road	Rock Quarry Lane	Surface Treated	1000	2026	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 25,978.37
43360	Keeley Road	Sydenham Road	0.30km East of Sydenham Road	Hot Mix Asphalt	300	2026	82.2	45.8	6.8	Routine Maintenance	HMA-Crack Seal	\$ 596.93
45160	Quarry Road	Boyce Road	0.40km North of Boyce Road	Surface Treated	400	2026	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 8,659.46
40435	Bellrock Mill Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	250	2026	75.7	21.7	4.3	Routine Maintenance	HMA-Crack Seal	\$ 331.63
41800	Deer Run Way	Fox Ridge Trail	Bedford Road	Hot Mix Asphalt	450	2026	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$ 716.32
41455	Colebrook Road	5.30km East of Camden Portland Boundary Road	Road 38	Hot Mix Asphalt	1100	2026	79.39	35.2	6	Routine Maintenance	HMA-Crack Seal	\$ 2,042.83
56750	Sunbury Road	0.60km West of Factory Road	0.65km West of Hitchcock Drive	Surface Treated	3200	2026	42.66	67.7	42.1	Major Rehabilitation Treatment	ST-FDR & DST	\$ 339,450.73
42070	Ernie Road	West End of Road	Lower Round Lake Road	Surface Treated	400	2026	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 10,391.35
45865	Snider Road	Arena Boundary Road	2.00km South of Arena Boundary									

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	Treatment Type	Applied Treatment	Budgeted Cost
44095	Maple Drive	Road 38	East End of Road	Hot Mix Asphalt	550	2027	67.92	24	6.6	Preventative Maintenance	HMA-Slurry	\$ 12,752.13
40960	Campbell Road	0.5km West of Stage Coach Road	Stage Coach Road	Surface Treated	2000	2027	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 56,528.94
41440	Maria Street	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2027	79.87	21.7	3.6	Routine Maintenance	HMA-Crack Seal	\$ 220.82
50125	Battersea Road	Moreland Dixon Road	Sunbury Road	Hot Mix Asphalt	500	2027	71.5	87.5	20.7	Preventative Maintenance	HMA-EnhSurf	\$ 18,134.53
40240	Autumn Ridge Drive	Middle Woodland Drive	South End of Road	Surface Treated	300	2027	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 9,539.26
40180	Arena Boundary Road	2.15km East of Davey Road	Piccadilly Road	Hot Mix Asphalt	450	2027	77.69	25.8	4.8	Routine Maintenance	HMA-Crack Seal	\$ 745.25
46480	Watson Road	Petworth Road	Boyce Road	Surface Treated	1400	2027	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 37,097.11
43690	Latimer Road	Dover Road	Davidson Road	Surface Treated	950	2027	61.99	45.6	15.9	Minor Rehabilitation Treatment	ST-SST	\$ 25,173.04
41785	Deer Creek Drive	Spooner Road	0.4km North of Spooner Road	Surface Treated	400	2027	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 10,599.18
42105	Fawn Brook Drive	Spooner Road	0.40km North of Spooner Road	Hot Mix Asphalt	400	2027	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$ 662.45
44035	Lower Round Lake Road	Ernie Road	East End of Road	Surface Treated	1450	2027	41.22	25.6	16.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 138,959.61
46120	Sydenham Church Street	William Street	Portland Avenue	Hot Mix Asphalt	400	2027	77.69	24	4.4	Routine Maintenance	HMA-Crack Seal	\$ 662.45
40060	Amelia Street	Brewery Street	William Street	Hot Mix Asphalt	200	2027	79.87	21.7	3.6	Routine Maintenance	HMA-Crack Seal	\$ 463.71
42250	Forest Hill Point	Valleyview Drive	South End of Road	Surface Treated	400	2027	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 12,365.70
43195	Holmes Road	Davidson Road	Moreland Dixon Road	Surface Treated	600	2027	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 15,898.76
44380	Middle Woodlands Drive	Autumn Ridge Drive	South End of Road	Surface Treated	500	2027	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 15,457.13
56865	Sunbury Road	0.65km West of Hitchcock Drive	Hitchcock Drive	Surface Treated	700	2027	46.88	67.7	37.3	Major Rehabilitation Treatment	ST-FDR & DST	\$ 75,739.94
46180	Sydenham William Street	Rutledge Road	Sydenham Mill Street	Hot Mix Asphalt	500	2027	75.56	44.8	9.1	Routine Maintenance	HMA-Crack Seal	\$ 1,076.48
42550	Gould Lake Road	Freeman Road	0.85km North of Freeman Road	Surface Treated	900	2027	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 23,848.15
52725	Desert Lake Road	0.15km East of High Falls Road	Bauder Drive	Surface Treated	1550	2027	70.1	49	12.2	Minor Rehabilitation Treatment	ST-SST	\$ 47,917.11
44770	Old Boy Road	Perth Road 10	Holmes Road	Surface Treated	1600	2027	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 45,223.15
51345	Bedford Road	1.5km North of Freeman Road	Busch Lane	Surface Treated	4050	2027	46.88	57.1	31.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 375,608.29
45730	Sarah Street	Water Street	Battersea Road	Hot Mix Asphalt	200	2027	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$ 386.43
43630	Lakeside Road	West End of Road	Duff Road	Surface Treated	300	2027	67.66	20.4	5.7	Minor Rehabilitation Treatment	ST-SST	\$ 6,359.51
46710	Wilmer Road	0.05km West of Perth Road 10	Perth Road 10	Hot Mix Asphalt	50	2027	81.45	29.8	4.6	Preventative Maintenance	HMA-EnhSurf	\$ 1,490.51
42145	First Lake Road	Bellrock Mill Street	0.70km North of Bellrock Mill Street	Surface Treated	700	2027	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$ 13,524.99
45235	Railton Road	Stage Coach Road	0.55km East of Stage Coach Road	Surface Treated	550	2027	67.11	42.5	12.1	Minor Rehabilitation Treatment	ST-SST	\$ 15,545.46
44395	Milburn Road	Ida Hill Road	2.00km West of Ida Hill Road	Surface Treated	2000	2027	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 52,995.88
41695	Davidson Road	Latimer Road	Holmes Road	Surface Treated	1000	2027	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 28,264.47
46495	Wellington Street	Battersea Road	United Street	Hot Mix Asphalt	250	2027	81.45	29.8	4.6	Routine Maintenance	HMA-Crack Seal	\$ 483.04
55830	Road 38	0.80km North of Snider Road	Piccadilly Road	Hot Mix Asphalt	750	2027	87.76	82.9	8.4	Routine Maintenance	HMA-Crack Seal	\$ 1,449.11
45460	Ritchie Road	Wilmer Road	Perth Road 10	Surface Treated	1900	2028	60.46	23.3	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 59,911.84
44920	Orser Road	Stage Coach Road	1.20km East of Stage Coach Road	Surface Treated	1200	2028	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 35,136.27
50375	Battersea Road	Larry York Road	Sarah Street	Hot Mix Asphalt	2050	2028	82.88	81.2	11.5	Routine Maintenance	HMA-Crack Seal	\$ 3,960.89
41275	Church Road (Bellrock)	Bellrock Road	Mary Moore Road	Surface Treated	1500	2028	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 33,784.87
45670	Verona Sand Road	Cross Road	0.70km East of Cross Road	Surface Treated	700	2028	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$ 13,524.99
40525	Boyce Road	0.7km West of Road 38	Road 38	Hot Mix Asphalt	680	2028	76.15	32.1	6.3	Routine Maintenance	HMA-Crack Seal	\$ 1,032.32
44545	Murvale Road	Murton Road	Scanlan Road	Surface Treated	1550	2028	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 45,384.35
40465	Bellrock Pepper Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	100	2028	74.72	12.9	2.7	Preventative Maintenance	HMA-Slurry	\$ 1,182.47
44230	McConnell Road	South End of Road	Clark Road	Surface Treated	1600	2028	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 28,829.76
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2028	67.27	71	20.1	Preventative Maintenance	HMA-EnhSurf	\$ 7,094.82
41590	Cross Road	Bellrock Road	Verona Sand Road	Surface Treated	550	2028	77.08	22.5	4.2	Routine Maintenance	ST-Slurry	\$ 9,564.10
46360	Walker Street	Verona Street	Road 38	Hot Mix Asphalt	50	2028	85.16	21.7	2.6	Routine Maintenance	HMA-Crack Seal	\$ 121.45
41290	Church Street (Harrowsmith)	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2028	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$ 276.02
53185	Desert Lake Road	1.90km West of Bedford Road	1.70km West of Bedford Road	Surface Treated	200	2028	51.27	49	23.7	Major Rehabilitation Treatment	ST-FDR & DST	\$ 18,919.53
50500	Battersea Road	0.10km North of Sarah Street	Burnt Hills Road	Hot Mix Asphalt	2300	2028	55.8	67.9	29	Preventative Maintenance	HMA-Enh2Surf	\$ 112,672.55
50850	Wilton Road 18	Yarker Road 4	0.65km West of Road 38	Hot Mix Asphalt	2700	2028	55.8	71	30.3	Preventative Maintenance	HMA-Enh2Surf	\$ 147,699.02
45415	Rideau Road	Burnt Hills Road	0.75km North of Burnt Hills Road	Surface Treated	950	2028	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 21,397.09
44245	McConnell Road	Clark Road	Yarker Road 4	Surface Treated	1450	2028	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 39,190.45
40570	Bradford Road	Camden Portland Boundary Road	2.00km East of Camden Portland Boundary Road	Surface Treated	500	2028	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 13,513.95
46105	Switzer Road	Portland Avenue	North End of Road	Surface Treated	200	2028	67.66	13.8	3.8	Minor Rehabilitation Treatment	ST-SST	\$ 2,702.79
41710	Davidson Road	Holmes Road	Mowoods Lane	Surface Treated	1500	2028	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 40,541.85
42595	Graham Road	Park Street	Road 38	Surface Treated	200	2028	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 4,234.37
44560	Murvale Road	Scanlan Road	Arney Road	Surface Treated	1400	2028	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 40,992.31
42235	Florida Road	1.30km South of Henderson Road	Henderson Road	Surface Treated	1300	2028	77.08	22.5	4.2	Routine Maintenance	ST-Slurry	\$ 31,648.48
40967	Milburn Road	2.9km East of Ormsbee Road	0.45km East of Ormsbee Road	Surface Treated	1450	2028	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 39,190.45
54790	Perth Road 10	McComish Lane	0.85km North of McComish Lane	Hot Mix Asphalt	850	2028	69.09	71	18.5	Preventative Maintenance	HMA-EnhSurf	\$ 29,291.48
45760	Scanlan Road	West End of Road	0.50km West of Murvale Road	Surface Treated	950	2028	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 27,816.21
42970	Holleford Road	Road 38	0.15km East of Road 38	Hot Mix Asphalt	150	2028	77.03	32.9	6.2	Routine Maintenance	HMA-Crack Seal	\$ 331.22
41575	Craig Road	Road 38	3.75km North of Road 38	Surface Treated	3750	2028	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$ 72,455.30
45535	Round Lake Road	Latimer Road	1.20km East of Latimer Road	Surface Treated	1200	2028	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 32,433.48
44740	Notre Dame Street	0.35km South of Centennial Park Road	Park Street	Hot Mix Asphalt	350	2028	40.87	20.8	13.5	Major Rehabilitation Treatment	HMA-FDR & EAS & DST	\$ 73,116.10
43345	Johns Way Road	Heska Crescent	Heska Crescent	Hot Mix Asphalt	300	2028	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 8,108.37
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Hot Mix Asphalt	300	2028	67.27	60.4	17.1	Preventative Maintenance	HMA-EnhSurf	\$ 12,162.55
42790	Heska Crescent	Holmes Road	Holmes Road	Surface Treated	1250	2028	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 39,415.68
53300	Desert Lake Road	1.70km West of Bedford Road	Bedford Road	Surface Treated	1700	2028	46.88	45.8	25.2	Major Rehabilitation Treatment	ST-FDR & DST	\$ 187,618.66
45775	Scanlan Road	0.50km West of Murvale Road	Murvale Road	Surface Treated	500	2028	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 13,513.95
43600	Lakefield Drive	2.00km South of Holmes Road	1.30km South of Holmes Road	Surface Treated	700	2028	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 18,919.53
41245	Centreville Road	0.40km East of Devil Lake Road	0.80km East of Devil Lake Road	Surface Treated	400	2028	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 10,811.16
41200	Cemetery Road	Water Street	North End of Road	Hot Mix Asphalt	50	2028	76.15	12.9	2.5	Routine Maintenance	HMA-Crack Seal	\$ 69.01
40510	Boyce Road	Watson Road	0.7km West of Road 38	Surface Treated	1780	2028	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 48,109.66
54220	Perth Road 10	1.40km North of Perth Road Crescent	3.90km North of Perth Road Crescent	Hot Mix Asphalt	2500	2028	62.82	71	24.1	Preventative Maintenance	HMA-Enh2Surf	\$ 142,881.86
40690	Brewery Street	William Street	Sydenham Mill Street	Hot Mix Asphalt	200	2028	81.45	24.8	3.8	Routine Maintenance	HMA-Crack Seal	\$ 386.43
41335	Clark Road	McConnell Road	East End of Road	Surface Treated	900	2028	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 15,405.90
44365	Mica Point Road	South End of Road	Badour Road	Surface Treated	450	2028	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 8,108.37
46435	Washburn Road	Factory Road	1.00km East of Factory Road	Surface Treated	1000	2028	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 27,027.90
46135	Sydenham Cross Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2028	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$ 252.56
44485	Mount Chesney Road	Frontenac Road	Beach Nut Road	Surface Treated	1600	2028	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 43,244.64
44410	Milburn Road	1.80km South of Wellington Street	Wellington Street	Surface Treated	1800	2028	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 48,650.22
41725	Davidson Road	Mowoods Lane	Latimer Road	Surface Treated	1300	2028	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 35,136.27
42640	Green Bay Road	Burns Road	Burrige Road	Surface Treated	2900	2028	37.28	22.5	16	Major Rehabilitation Treatment	ST-FDR & DST	\$ 274,333.17
44680	Norway Road	Draper Lake Road	Charlie Green Road	Surface Treated	100	2028	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 2,252.32
41305	Church Street (Harrowsmith)	Road 38	East End of Road	Hot Mix Asphalt	200	2028	81.45	21.7	3.3	Routine Maintenance	HMA-Crack Seal	\$ 386.43
45070	Piccadilly Road	Road 38	Arena Boundary Road	Hot Mix Asphalt	150	2028	76.15	29	5.7	Routine Maintenance	HMA-Crack Seal	\$ 248.42
41005	Canoe Lake Road	Desert Lake Road	0.8km North of Desert Lake Road	Surface Treated	850	2028	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 22,973.71
43645	Lakeview Drive	Salmon Drive	Pine Ridge Road	Hot Mix Asphalt	150	2028	76.15	12.9	2.5	Routine Maintenance	HMA-Crack Seal	\$ 248.42
42415	Garrison Court	South End of Road	Petworth Road	Surface Treated	450	2028	53.95	15.4	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 12,162.55
40330	Battersea Mill Street	Battersea Road	South End of Road	Surface Treated	150	2028	77.08	15.4	2.9	Routine Maintenance	ST-Slurry	\$ 1,738.93
45025	Petworth Road	Garrison Court	River Road	Surface Treated	1250	2028	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 39,415.68
42535	Gorr Road	Road 38	East End of Road	Surface Treated	900	2028	77.08	20.4	3.9	Routine Maintenance	ST-Slurry	\$ 16,693.70
41788	Deer Creek Drive	0.4km North of Spooner Road	Whitetail Court	Hot Mix Asphalt	560	2028	77.69	20.8	3.8	Routine Maintenance	HMA-Crack Seal	\$ 927.43
46545	Whitetail Court	Fawn Brook Drive	North End of Road	Hot Mix Asphalt	240	2028	79.39	16.7	2.8	Routine Maintenance	HMA-Crack Seal	\$ 397.47
42160	First Lake Road	0.70km North of Bellrock Mill Street	1.70km North of Bellrock Mill Street	Surface Treated	1000	2028	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 27,027.90
40150	Arena Boundary Road	Snider Road	Davey Road	Surface Treated	2150	2028	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 48,424.98
44935	Ottawa Street	Railway Street	North End of Road	Hot Mix Asphalt	100	2028	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$ 165.61
42355	Freeman Road	Bedford Road	Sills Bay Road	Surface Treated	800	2028	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 21,622.32

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	Treatment Type	Applied Treatment	Budgeted Cost
43075	Holmes Road	Heska Crescent	Heska Crescent	Surface Treated	1350	2029	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 43,420.32
45550	Round Lake Road	1.20km East of Latimer Road	2.20km East of Latimer Road	Surface Treated	1000	2029	63.01	20	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 27,568.46
43735	Latimer Road	Davidson Road	1.70km West of Perth Road 10	Surface Treated	2900	2029	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$ 68,583.29
42955	Hogan Road	West End of Road	Wilmer Road	Surface Treated	1900	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 42,777.05
44965	Park Valley Road	South End of Road	Keeley Road	Surface Treated	450	2029	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 14,473.44
43810	Leland Road	Perth Road 10	0.30km East of Perth Road 10	Surface Treated	300	2029	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 8,270.54
42940	Hitchcock Drive	West End of Road	Sunbury Road	Surface Treated	850	2029	37.28	25.6	18.2	Major Rehabilitation Treatment	ST-FDR & DST	\$ 82,016.16
40780	Burnett Road	South End of Road	Road 38	Surface Treated	300	2029	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 8,270.54
46060	Stone Point Road	North End of Road	Hitchcock Drive	Surface Treated	1150	2029	45.32	9.6	5.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 129,456.87
44995	Perth Road Crescent	Perth Road 10	Perth Road 10	Hot Mix Asphalt	600	2029	77.03	26.7	5.1	Routine Maintenance	HMA-Crack Seal	\$ 1,182.47
46000	Stage Coach Road	Campbell Road	Rutledge Road	Hot Mix Asphalt	650	2029	75.56	49.8	10.1	Routine Maintenance	HMA-Crack Seal	\$ 1,281.01
46705	Wilmer Road	Norway Road	0.05km West of Perth Road 10	Surface Treated	700	2029	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 16,081.60
41440	Colebrook Road	3.80km East of Camden Portland Boundary Road	5.30km East of Camden Portland Boundary Road	Surface Treated	1500	2029	63.01	31.9	10.7	Minor Rehabilitation Treatment	ST-SST	\$ 44,798.74
42865	Hinchinbrooke Road	0.20km North of Road 38	0.29km North of Trousdale Road	Surface Treated	1000	2029	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 27,568.46
45475	River Road	West End of Road	Petworth Road	Surface Treated	250	2029	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 4,594.74
44845	Opinicon Road	Post Office Gate Lane	1.70km East of Post Office Gate Lane	Surface Treated	1700	2029	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 46,866.38
46645	William Street	Rutledge Road	Church Street (Harrowsmith)	Hot Mix Asphalt	200	2029	78.41	26.7	4.7	Routine Maintenance	HMA-Crack Seal	\$ 394.16
40495	Botting Road	Bedford Road	Sills Bay Road	Surface Treated	750	2029	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 20,676.34
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2029	87.76	76.2	7.7	Routine Maintenance	HMA-Crack Seal	\$ 2,759.10
46540	Wheatley Street	Rutledge Road	George Street	Hot Mix Asphalt	550	2029	65.21	24.8	7.6	Preventative Maintenance	HMA-EnhSurf	\$ 22,175.38
43720	Latimer Road	Holmes Road	Davidson Road	Surface Treated	1400	2029	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 33,109.18
44530	Murton Road	1.35km East of Road 38	Murvale Road	Surface Treated	900	2029	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 23,058.18
40201	Burnt Hills Road	1.8km East of Batterssea Road	5.0km East of Batterssea Road	Surface Treated	3250	2029	37.28	28.8	20.4	Major Rehabilitation Treatment	ST-FDR & DST	\$ 313,591.19
54105	Perth Road 10	Perth Road Crescent	1.40km North of Perth Road Crescent	Hot Mix Asphalt	1400	2029	61.5	74.2	26.4	Preventative Maintenance	HMA-Enh2Surf	\$ 116,591.60
46555	White Lake Road	West End of Road	Buck Bay Road	Surface Treated	1100	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 35,379.52
43210	Horning Road	West End of Road	Sydenham Road	Surface Treated	1550	2029	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 42,731.11
43825	Leland Road	0.30km East of Perth Road 10	1.60km East of Perth Road 10	Surface Treated	1300	2029	58.43	22.5	8.8	Minor Rehabilitation Treatment	ST-SST	\$ 35,838.99
42700	Greenfield Road	0.77km East of Perth Road 10	Duff Road	Surface Treated	830	2029	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 22,881.82
40735	Buck Bay Road	White Lake Road	2.6 km North of White Lake Road	Surface Treated	2650	2029	41.22	22.5	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 298,313.67
45250	Railton Road	0.55km East of Stage Coach Road	Sydenham Road	Surface Treated	1200	2029	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 38,595.84
45835	Silverwood Drive	Holmes Road	North End of Road	Surface Treated	950	2029	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 26,190.03
45175	Quarry Road	0.40km North of Boyce Road	1.30km North of Boyce Road	Surface Treated	900	2029	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 24,811.61
45385	Revell Road	Bank Street	North End of Road	Surface Treated	900	2029	60.46	18.3	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 24,811.61
45100	Point Road	Wheatley Street	East End of Road	Hot Mix Asphalt	250	2029	68.66	21.7	5.7	Preventative Maintenance	HMA-EnhSurf	\$ 13,439.62
42880	Hinchinbrooke Road	0.29km North of Trousdale Road	0.99km North of Trousdale Road	Surface Treated	700	2029	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 22,514.24
41365	Clearwater Road	Bedford Road	Botting Road	Surface Treated	500	2029	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 11,486.86
41260	Charlie Green Road	Little Long Lake Road	Norway Road	Surface Treated	2200	2029	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 60,650.60
41605	Crow Lake Road	0.45km West of Badour Road	0.10km East of Badour Road	Surface Treated	550	2029	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 13,874.32
46030	Steele Road	South End of Road	Bradshaw Road	Surface Treated	2200	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 50,542.17
42445	George Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2029	67.16	76.9	21.9	Preventative Maintenance	HMA-Enh2Surf	\$ 9,743.73
45970	Stage Coach Road	Orser Road	Railton Road	Surface Treated	2900	2029	45.32	28.8	16.6	Major Rehabilitation Treatment	ST-FDR & DST	\$ 261,165.17
42685	Greenfield Road	Perth Road 10	7.70km East of Perth Road 10	Surface Treated	770	2029	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 21,227.71
54460	Perth Road 10	9.60km North of Perth Road Crescent	Roushorn Road	Hot Mix Asphalt	1200	2029	67.27	71	20.1	Preventative Maintenance	HMA-EnhSurf	\$ 42,800.03
41380	Cliffside Drive	Railton Road	North End of Road	Surface Treated	800	2029	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 23,525.08
45595	Round Lake Road	Batterssea Road	Batterssea Road	Surface Treated	2200	2029	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 52,028.70
40135	Arena Boundary Road	Second Lake Road	Snider Road	Surface Treated	800	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 19,849.29
44515	Murton Road	Road 38	1.35km East of Road 38	Surface Treated	1850	2029	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 43,022.22
40330	Batterssea Mill Street	Batterssea Road	South End of Road	Surface Treated	150	2029	72.36	15.4	3.5	Minor Rehabilitation Treatment	ST-SST	\$ 2,067.63
40345	Batterssea Water Street	North End of Road	Batterssea Road	Hot Mix Asphalt	100	2029	92.84	21.7	1.2	Routine Maintenance	HMA-Crack Seal	\$ 197.08
40075	Amey Road	West End of Road	Murvale Road	Surface Treated	950	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 17,460.02
41410	Colebrook Road	1.70km East of Camden Portland Boundary Road	2.70km East of Camden Portland Boundary Road	Surface Treated	1000	2029	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 25,620.20
46345	Vienna Crescent	Sumac Road	North End of Road	Surface Treated	350	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 10,292.22
43000	Holleford Road	Vanluven Road	Trousdale Road	Surface Treated	1350	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 38,458.00
40300	Bank Street	Revell Road	Revell Road	Surface Treated	500	2029	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 13,784.23
40360	Bauder Road	Desert Lake Road	East End of Road	Surface Treated	1200	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 22,054.76
54565	Perth Road 10	Roushorn Road	Clear Lake Road	Hot Mix Asphalt	500	2029	67.27	71	20.1	Preventative Maintenance	HMA-EnhSurf	\$ 18,091.80
44710	Notre Dame Street	Colebrook Road	Church Street (Harrowsmith)	Hot Mix Asphalt	350	2029	77.03	27.9	5.3	Routine Maintenance	HMA-Crack Seal	\$ 689.77
57555	Sydenham Road	1.45km North of Keeley Road	Rutledge Road	Hot Mix Asphalt	350	2029	78.69	82.9	14.7	Routine Maintenance	HMA-Crack Seal	\$ 886.85
40165	Arena Boundary Road	Davey Road	2.15km East of Davey Road	Surface Treated	2150	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 59,272.18
46420	Washburn Road	Ida Hill Road	Factory Road	Surface Treated	1600	2029	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 51,461.12
42460	George Street	Wheatley Street	Portland Avenue	Hot Mix Asphalt	200	2029	65.2	76.9	23.8	Preventative Maintenance	HMA-Enh2Surf	\$ 14,823.79
41755	Davidson Road	Perth Road 10	Holmes Road	Surface Treated	500	2029	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 13,784.23
44635	North Shore Crescent	Perth Road 10	Perth Road 10	Surface Treated	1100	2029	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 30,325.30
42670	Greenfield Road	0.70km West of Perth Road 10	Perth Road 10	Surface Treated	700	2029	58.43	22.5	8.8	Minor Rehabilitation Treatment	ST-SST	\$ 22,514.24
44095	Maple Drive	Road 38	East End of Road	Hot Mix Asphalt	550	2029	79.39	24	4.1	Routine Maintenance	HMA-Crack Seal	\$ 929.08
45370	Redmond Road	0.25km West of Holleford Road	Holleford Road	Surface Treated	250	2029	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 7,351.59
44575	Mustard Road	East End of Road	Craig Road	Surface Treated	250	2029	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 4,594.74
45190	Quinn Road East	Road 38	East End of Road	Surface Treated	1600	2029	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 38,228.26
42985	Holleford Road	0.15km East of Road 38	Vanluven Road	Surface Treated	1600	2029	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 44,109.53
41110	Canoe Lake Road	3.0km South of Westport Road	3.4km South of Westport Road	Hot Mix Asphalt	350	2029	69.34	25.8	6.6	Preventative Maintenance	HMA-Slurry	\$ 8,442.84
55945	Road 38	Bradshaw Road	3.30km North of Bradshaw Road	Hot Mix Asphalt	3300	2029	62.82	71	24.1	Preventative Maintenance	HMA-Enh2Surf	\$ 164,893.83
41550	Country Woods Drive	Campbell Road	South End of Road	Surface Treated	700	2029	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 19,297.92
45805	Short Street	Bank Street	North End of Road	Surface Treated	50	2029	72.36	17.5	4	Minor Rehabilitation Treatment	ST-SST	\$ 1,148.69
46390	Walsh Road	Perth Road 10	0.15km East of Perth Road 10	Hot Mix Asphalt	650	2029	76.15	12.9	2.5	Routine Maintenance	HMA-Crack Seal	\$ 732.01
50125	Batterssea Road	Moreland Dixon Road	Sunbury Road	Hot Mix Asphalt	500	2029	82.6	87.5	12.6	Routine Maintenance	HMA-Crack Seal	\$ 1,027.62
43135	Holmes Road	Latimer Road	Old Boy Road	Surface Treated	400	2029	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 11,762.54
40245	Cedarwoods Drive	Road 38	Valleyview Drive	Surface Treated	360	2029	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 11,578.75
52150	Bellrock Road	Cross Road	Road 38	Hot Mix Asphalt	1300	2029	71.19	71	17	Preventative Maintenance	HMA-EnhSurf	\$ 47,038.68
50675	Batterssea Road	1.70km North of Burnt Hills Road	2.30km North of Burnt Hills Road	Surface Treated	600	2029	70.1	62.3	15.5	Minor Rehabilitation Treatment	ST-SST	\$ 16,541.07
40855	Burnt Hills Road	5.0km East of Batterssea Road	0.61km West of Carrying Place Road	Surface Treated	1000	2029	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 27,568.46
43300	Jamieson Road	Road 38	1.30km East of Road 38	Surface Treated	1300	2029	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 35,838.99
46300	Valleyview Drive	South End of Road	Cedarwoods Drive	Surface Treated	500	2029	60.46	18.3	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 13,784.23
46075	Sumac Road	Sydenham Road	East End of Road	Surface Treated	1150	2029	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 36,459.28
46150	Sydenham Walker Road	Loughborough Portland Road	Rock Quarry Lane	Surface Treated	1000	2029	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 27,568.46
45160	Quarry Road	Boyce Road	0.40km North of Boyce Road	Surface Treated	400	2029	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 9,189.49
40060	Amelia Street	Brewery Street	William Street	Hot Mix Asphalt	200	2029	77.03	21.7	4.1	Routine Maintenance	HMA-Crack Seal	\$ 472.99
41020	Canoe Lake Road	0.8km North of Desert Lake Road	1.3km North of Desert Lake Road	Hot Mix Asphalt	500	2029	43.94	29	17.4	Major Rehabilitation Treatment	HMA-FDR & EAS & DST	\$ 91,320.51
43045	Holleford Road	Johnny Martin Road	Deer Park Lane	Surface Treated	1600	2029	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 44,145.57
51000	Bedford Road	Portland Avenue	Alton Road	Hot Mix Asphalt	1000	2029	65.2	76.9	23.8	Preventative Maintenance	HMA-Enh2Surf	\$ 66,623.77
43150	Holmes Road	Old Boy Road	Perth Road 10	Surface Treated	1200	2029	58.43	25.6	10.1	Minor Rehabilitation Treatment	ST-SST	\$ 33,082.15
41125	Canoe Lake Road	Westport Road	3.0km South of Westport Road	Surface Treated	3000	2029	41.22	22.5	14.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 289,468.79
42070	Ernie Road	West End of Road	Lower Round Lake Road	Surface Treated	400	2029	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 11,027.38
45865	Snider Road	Arena Boundary Road	0.00km South of Arena Boundary Road	Surface Treated	2000	2029	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 55,136.91
43180	Holmes Road	Lakefield Drive	Davidson Road	Surface Treated	1500	2029	63.01	31.9	10.7	Minor Rehabilitation Treatment	ST-SST	\$ 41,352.68
57210	Sydenham Mill Street	Rutledge Road	George Street	Hot Mix Asphalt	400	2029	63.47	70.6	23.4	Preventative Maintenance	HMA-Enh2Surf	\$ 29,647.58

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	Treatment Type	Applied Treatment	Budgeted Cost
41485	Collins Drive	Autumn Ridge Drive	West End of Road	Surface Treated	150	2030	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 4,920.97
40210	Ashwood Drive	Rutledge Road	North End of Road	Surface Treated	800	2030	63.01	13.3	4.4	Minor Rehabilitation Treatment	ST-SST	\$ 20,996.14
43975	Loughborough Portland Road	Harrowsmith Road	Alton Road	Surface Treated	1400	2030	61.99	45.6	15.9	Minor Rehabilitation Treatment	ST-SST	\$ 39,367.76
46135	Sydenham Cross Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2030	75.7	21.7	4.3	Routine Maintenance	HMA-Crack Seal	\$ 262.76
43570	Lake Road	0.60km West of Lower Round Lake Road	Lower Round Lake Road	Surface Treated	600	2030	67.66	7.5	2	Minor Rehabilitation Treatment	ST-SST	\$ 14,059.91
43105	Holmes Road	Silverwood Drive	Davidson Road	Surface Treated	900	2030	63.01	31.9	10.7	Minor Rehabilitation Treatment	ST-SST	\$ 25,307.84
46690	Wilmer Road	Ritchie Road	Norway Road	Surface Treated	1750	2030	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 41,008.08
43495	Kingston Road	Road 38	Harrowsmith Road	Hot Mix Asphalt	300	2030	68.66	27.9	7.4	Preventative Maintenance	HMA-EnhSurf	\$ 11,072.18
41305	Church Street (Harrowsmith)	Road 38	East End of Road	Hot Mix Asphalt	200	2030	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$ 402.04
46675	Wilmer Road	McFadden Road	Ritchie Road	Surface Treated	800	2030	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 18,746.55
40975	Campbell Road	Murvale Road	Stage Coach Road	Surface Treated	2000	2030	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 59,988.96
58475	Westport Road	Concession 12	Devil Lake Road	Surface Treated	1350	2030	46.88	57.1	31.5	Major Rehabilitation Treatment	ST-FDR & DST	\$ 155,010.54
43705	Latimer Road	Davidson Road	Holmes Road	Surface Treated	2300	2030	61.99	39.4	13.7	Minor Rehabilitation Treatment	ST-SST	\$ 64,675.60
46450	Washburn Road	1.00km East of Factory Road	East End of Road	Surface Treated	3150	2030	60.46	29.6	10.9	Minor Rehabilitation Treatment	ST-SST	\$ 88,577.45
40000	Abernathy Road	Ida Hill Road	0.8km East of Ida Hill Road	Surface Treated	800	2030	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 22,495.86
40966	Milburn Road	Battersea Road	Ida Hill Road	Surface Treated	850	2030	63.01	31.9	10.7	Minor Rehabilitation Treatment	ST-SST	\$ 23,901.85
45130	Princess Road	West End of Road	0.15km West of Battersea Road	Surface Treated	1650	2030	65.23	21.5	6.6	Minor Rehabilitation Treatment	ST-SST	\$ 47,171.01
40720	Buck Bay Road	0.3km North of Westport Road	White Lake Road	Surface Treated	1700	2030	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 47,803.70
42535	Gorr Road	Road 38	East End of Road	Surface Treated	900	2030	67.66	20.4	5.7	Minor Rehabilitation Treatment	ST-SST	\$ 20,246.27
46545	Whitetail Court	Fawn Brook Drive	North End of Road	Hot Mix Asphalt	240	2030	76.15	16.7	3.3	Routine Maintenance	HMA-Crack Seal	\$ 413.53
45280	Railton Road	0.05km East of Sydenham Road	Cliffside Drive	Surface Treated	2900	2030	43.17	45.6	28	Major Rehabilitation Treatment	ST-FDR & DST	\$ 304,443.97
44935	Ottawa Street	Railway Street	North End of Road	Hot Mix Asphalt	100	2030	75.7	21.7	4.3	Routine Maintenance	HMA-Crack Seal	\$ 172.30
45985	Stage Coach Road	Railton Road	Campbell Road	Surface Treated	2200	2030	61.99	45.6	15.9	Minor Rehabilitation Treatment	ST-SST	\$ 67,018.92
40765	Bunker Hill Road	Westport Road	James Wilson Road	Surface Treated	2600	2030	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 60,926.29
42475	German Road	Long Swamp Road	0.20km South of Long Swamp Road	Surface Treated	200	2030	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 4,967.84
44815	Opinicon Road	4.40km East of Perth Road 10	7.70km East of Perth Road 10	Surface Treated	3300	2030	41.22	20.6	13.3	Major Rehabilitation Treatment	ST-FDR & DST	\$ 324,783.98
44260	McFadden Road	Wilmer Road	Norway Road	Surface Treated	1850	2030	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 60,691.96
44800	Opinicon Road	Perth Road 10	4.40km East of Perth Road 10	Surface Treated	4400	2030	37.28	23.8	16.9	Major Rehabilitation Treatment	ST-FDR & DST	\$ 433,045.31
42520	Goodrich Street	Percy Street	Main Street	Hot Mix Asphalt	100	2030	70.7	12.9	3.1	Preventative Maintenance	HMA-Slurry	\$ 1,640.32
40705	Buck Bay Road	Westport Road	0.3km North of Westport Road	Hot Mix Asphalt	200	2030	76.15	32.1	6.3	Routine Maintenance	HMA-Crack Seal	\$ 344.61
44830	Opinicon Road	7.70km East of Perth Road 10	Post Office Gate Lane	Surface Treated	3950	2030	41.22	20.6	13.3	Major Rehabilitation Treatment	ST-FDR & DST	\$ 388,756.58
51805	Bellrock Road	West End of Road	Bellrock Mill Street	Hot Mix Asphalt	3350	2030	61.9	81.2	28.5	Preventative Maintenance	HMA-Enh2Surf	\$ 193,505.41
42655	Greenfield Road	West End of Road	0.70km West of Perth Road 10	Surface Treated	150	2030	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 4,217.97
43435	Kerr Road	Petworth Road	North End of Road	Surface Treated	600	2030	67.66	20.4	5.7	Minor Rehabilitation Treatment	ST-SST	\$ 12,091.52
42108	Fawn Brook Drive	0.40km North of Spooner Road	Whitetail Court	Hot Mix Asphalt	260	2030	76.15	20.8	4.1	Routine Maintenance	HMA-Crack Seal	\$ 447.99
40960	Campbell Road	0.5km West of Stage Coach Road	Stage Coach Road	Surface Treated	2000	2030	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 59,988.96
40315	Battersea Cross Street	Wellington Street	Battersea Road	Hot Mix Asphalt	100	2030	77.03	21.7	4.1	Routine Maintenance	HMA-Crack Seal	\$ 172.30
44140	Maria Street	Notre Dame Street	Road 38	Hot Mix Asphalt	100	2030	92.84	21.7	1.2	Routine Maintenance	HMA-Crack Seal	\$ 229.74
43990	Loughborough Portland Road	Alton Road	Jamieson Road	Surface Treated	1350	2030	67.11	42.5	12.1	Minor Rehabilitation Treatment	ST-SST	\$ 37,961.76
42025	Easy Street	West End of Road	Road 38	Surface Treated	100	2030	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 2,343.32
40240	Autumn Ridge Drive	Middle Woodland Drive	South End of Road	Surface Treated	300	2030	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 10,123.14
46240	Tom Watson Road	West End of Road	Watson Road	Surface Treated	400	2030	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 7,498.62
46480	Watson Road	Petworth Road	Boyce Road	Surface Treated	1400	2030	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 39,367.76
43690	Latimer Road	Dover Road	Davidson Road	Surface Treated	950	2030	61.99	45.6	15.9	Minor Rehabilitation Treatment	ST-SST	\$ 26,713.83
41785	Deer Creek Drive	Spooner Road	0.4km North of Spooner Road	Surface Treated	400	2030	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 11,247.93
43030	Holleford Road	New Morin Road	Johnny Martin Road	Surface Treated	2900	2030	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 81,614.12
42250	Forest Hill Point	Valleyview Drive	South End of Road	Surface Treated	400	2030	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 13,122.59
43195	Holmes Road	Davidson Road	Moreland Dixon Road	Surface Treated	600	2030	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 16,871.90
41395	Colebrook Road	Camden Portland Boundary Road	1.70km East of Camden Portland Boundary Road	Surface Treated	1700	2030	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 44,425.42
46315	Vanluven Road	Holleford Road	Loughborough Portland Road	Surface Treated	2400	2030	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 58,858.65
44380	Middle Woodlands Drive	Autumn Ridge Drive	South End of Road	Surface Treated	500	2030	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 16,403.23
40045	Alton Road	Loughborough Portland Road	Bedford Road	Surface Treated	3700	2030	38.94	42.5	29	Major Rehabilitation Treatment	ST-FDR & DST	\$ 364,151.74
42550	Gould Lake Road	Freeman Road	0.85km North of Freeman Road	Surface Treated	900	2030	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 25,307.84
42580	Graham Road	Park Street	West End of Road	Surface Treated	500	2030	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 11,013.60
56635	Sunbury Road	Battersea Road	0.60km West of Factory Road	Hot Mix Asphalt	3400	2030	88.37	71	6.8	Routine Maintenance	HMA-Crack Seal	\$ 6,834.68
44770	Old Boy Road	Perth Road 10	Holmes Road	Surface Treated	1600	2030	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 47,991.17
42100	Fairgrounds Road	Perth Road 10	Latimer Road	Surface Treated	300	2030	77.08	17.5	3.3	Routine Maintenance	ST-Slurry	\$ 7,719.17
46712	Wilmer Road	Perth Road 10	Perth Road Crescent	Hot Mix Asphalt	50	2030	78.41	29.8	5.3	Routine Maintenance	HMA-Crack Seal	\$ 100.51
43630	Lakeside Road	West End of Road	Duff Road	Surface Treated	300	2030	67.66	20.4	5.7	Minor Rehabilitation Treatment	ST-SST	\$ 6,748.76
44980	Percy Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	250	2030	67.92	20.8	5.7	Preventative Maintenance	HMA-Slurry	\$ 3,075.61
45205	Quinn Road West	Wilton Road 18	Road 38	Surface Treated	1550	2030	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 28,330.72
45880	Snider Road	2.00km South of Arena Boundary Road	Road 38	Surface Treated	3000	2030	45.32	25.6	14.8	Major Rehabilitation Treatment	ST-FDR & DST	\$ 295,258.16
45235	Railton Road	Stage Coach Road	0.55km East of Stage Coach Road	Surface Treated	550	2030	67.11	42.5	12.1	Minor Rehabilitation Treatment	ST-SST	\$ 16,496.96
44395	Milburn Road	Ida Hill Road	2.00km West of Ida Hill Road	Surface Treated	2000	2030	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 56,239.65
44275	McGarvey Road	Battersea Road	0.15km North of Battersea Road	Surface Treated	150	2030	72.36	25.6	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 4,217.97
41695	Davidson Road	Latimer Road	Holmes Road	Surface Treated	1000	2030	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 29,994.48
45460	Ritchie Road	Wilmer Road	Perth Road 10	Surface Treated	1900	2031	60.46	23.3	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 63,578.92
44920	Orser Road	Stage Coach Road	1.20km East of Stage Coach Road	Surface Treated	1200	2031	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 37,286.89
40030	Alton Road	Road 38	Loughborough Portland Road	Surface Treated	2700	2031	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 77,442.00
41275	Church Road (Bellrock)	Bellrock Road	Mary Moore Road	Surface Treated	1500	2031	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 35,852.78
44005	Loughborough Portland Road	Jamieson Road	Vanluven Road	Surface Treated	700	2031	67.11	42.5	12.1	Minor Rehabilitation Treatment	ST-SST	\$ 20,077.56
46750	Wolfe Swamp Road	Colebrook Road	Petworth Road	Surface Treated	2900	2031	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$ 71,354.06
58935	Yarker Road 4	Wilton Road 18	Road 38	Hot Mix Asphalt	2050	2031	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$ 4,023.19
44545	Murvale Road	Murton Road	Scanlan Road	Surface Treated	1550	2031	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 48,162.23
43855	Leveque Road	Bellrock Mill Street	0.10km North of Bellrock Mill Street	Hot Mix Asphalt	100	2031	70.7	12.9	3.1	Preventative Maintenance	HMA-Slurry	\$ 1,673.13
44230	McConnell Road	South End of Road	Clark Road	Surface Treated	1600	2031	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 30,594.37
45415	Rideau Road	Burnt Hills Road	Burnt Hills Road	Surface Treated	950	2031	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 22,706.76
44245	McConnell Road	Clark Road	Yarker Road 4	Surface Treated	1450	2031	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 41,589.22
40570	Bradford Road	Camden Portland Boundary Road	2.00km East of Camden Portland Boundary Road	Surface Treated	500	2031	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 14,341.11
46105	Switzer Road	Portland Avenue	North End of Road	Surface Treated	200	2031	67.66	13.8	3.8	Minor Rehabilitation Treatment	ST-SST	\$ 2,868.22
41710	Davidson Road	Holmes Road	Mowoods Lane	Surface Treated	1500	2031	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 43,023.33
42595	Graham Road	Park Street	Road 38	Surface Treated	200	2031	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 4,493.55
45085	Pine Ridge Road	Road 38	East End of Road	Hot Mix Asphalt	450	2031	68.66	21.7	5.7	Preventative Maintenance	HMA-EnhSurf	\$ 12,100.31
44560	Murvale Road	Scanlan Road	Amey Road	Surface Treated	1400	2031	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 43,501.37
42235	Florida Road	1.30km South of Henderson Road	Henderson Road	Surface Treated	1300	2031	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 39,151.23
40967	Milburn Road	2.9km East of Battersea Road	0.45km East of Ormsbee Road	Surface Treated	1450	2031	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 41,589.22
45760	Scanlan Road	West End of Road	0.50km West of Murvale Road	Surface Treated	950	2031	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 29,518.79
45535	Round Lake Road	Latimer Road	1.20km East of Latimer Road	Surface Treated	1200	2031	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 34,418.67
43345	Johns Way Road	Heska Crescent	Heska Crescent	Surface Treated	300	2031	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 8,604.67
46645	William Street	Rutledge Road	Church Street (Harrowsmith)	Hot Mix Asphalt	200	2031	75.7	26.7	5.3	Routine Maintenance	HMA-Crack Seal	\$ 410.08
43120	Holmes Road	Davidson Road	Latimer Road	Surface Treated	1400	2031	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 40,187.92
51230	Bedford Road	1.2km North of Freeman Road	1.5km North of Freeman Road	Hot Mix Asphalt	300	2031	79.83	60.4	10.1	Preventative Maintenance	HMA-EnhSurf	\$ 12,907.00
42790	Heska Crescent	Holmes Road	Holmes Road	Surface Treated	1250	2031	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 41,828.24
56060	Rutledge Road	Loughborough Portland Road	0.13km West of Sydenham Church Street	Hot Mix Asphalt	1400	2031	78.69	76.2	13.5	Routine Maintenance	HMA-Crack Seal	\$ 2,870.57
46540	Wheatley Street	Rutledge Road	George Street	Hot Mix Asphalt	550	2031	89.93	24.8	2	Routine Maintenance	HMA-Crack Seal	\$ 1,256.60
45775	Scanlan Road	0.50km West of Murvale Road	Murvale Road	Surface Treated	500	2031	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 14,341.11
45265	Railton Road	Sydenham Road	0.05km East of Sydenham									

Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	Treatment Type	Applied Treatment	Budgeted Cost
44110	Maple Hill Way	South End of Road	Hitchcock Drive	Surface Treated	300	2031	67.66	9.6	2.6	Minor Rehabilitation Treatment	ST-SST	\$ 8,604.67
51000	Bedford Road	Portland Avenue	Alton Road	Hot Mix Asphalt	1000	2031	82.88	76.9	10.9	Routine Maintenance	HMA-Crack Seal	\$ 2,343.32
40270	Badour Road	South End of Road	Crow Lake Road	Surface Treated	2200	2031	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 52,584.07
44470	Mount Chesney Road	Battersea Road	Frontenac Road	Surface Treated	400	2031	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 11,472.89
45700	Verona Sand Road	McMahon Drive	Road 38	Hot Mix Asphalt	250	2031	68.66	32.9	8.7	Preventative Maintenance	HMA-EnhSurf	\$ 9,008.01
57210	Sydenham Mill Street	Rutledge Road	George Street	Hot Mix Asphalt	400	2031	82.88	70.6	10	Routine Maintenance	HMA-Crack Seal	\$ 1,042.78
41170	Carrying Place Road	1.0km South of Burnt Hills Road	Burnt Hills Road	Surface Treated	1050	2031	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 30,116.33
43765	Latimer Road	Perth Road 10	Round Lake Road	Hot Mix Asphalt	450	2031	83.2	31	4.3	Routine Maintenance	HMA-Crack Seal	\$ 790.87
41635	Daley Road	Railton Road	0.60km North of Railton Road	Surface Treated	600	2031	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 17,209.33
52035	Bellrock Road	Long Swamp Road	Cross Road	Hot Mix Asphalt	3200	2031	79.83	71	11.9	Routine Maintenance	HMA-Crack Seal	\$ 6,561.29
58130	Westport Road	1.10km East of Lee Road	0.76km West of Breesee Road	Hot Mix Asphalt	1300	2031	83.77	57.3	7.7	Routine Maintenance	HMA-Crack Seal	\$ 3,427.10
50000	Battersea Road	4.30km South of Moreland Dixon Road	Moreland Dixon Road	Hot Mix Asphalt	4300	2031	21.13	74.2	62.9	Major Rehabilitation Treatment	HMA-FDR & 20Vly	\$ 3,304,475.89
46710	Wilmer Road	0.05km West of Perth Road 10	Perth Road 10	Hot Mix Asphalt	50	2031	87.39	29.8	3.1	Routine Maintenance	HMA-Crack Seal	\$ 87.87
45565	Round Lake Road	2.20km East of Latimer Road	3.50km East of Latimer Road	Surface Treated	1300	2031	65.23	32.7	10.1	Minor Rehabilitation Treatment	ST-SST	\$ 37,286.89
44950	Park Street	Centennial Park Road	Graham Road	Surface Treated	200	2031	67.66	17.5	4.8	Minor Rehabilitation Treatment	ST-SST	\$ 6,692.52
46465	Water Street	Road 38	East End of Road	Hot Mix Asphalt	150	2031	83.2	13.8	1.9	Routine Maintenance	HMA-Crack Seal	\$ 307.56
44905	Orser Road	West End of Road	Stage Coach Road	Surface Treated	1200	2031	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 34,418.67
45430	Rideau Road	0.75km North of Burnt Hills Road	North End of Road	Surface Treated	100	2031	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 1,912.15
44070	Mallen Road	Craig Road	0.10km North of Craig Road	Surface Treated	100	2031	72.36	7.5	1.7	Minor Rehabilitation Treatment	ST-SST	\$ 1,912.15
46495	Wellington Street	Battersea Road	United Street	Hot Mix Asphalt	250	2031	75.7	29.8	6	Routine Maintenance	HMA-Crack Seal	\$ 512.60
55830	Road 38	0.80km North of Snider Road	Piccadilly Road	Hot Mix Asphalt	750	2031	72.04	82.9	19.3	Preventative Maintenance	HMA-EnhSurf	\$ 28,234.06
44455	Mount Chesney Road	West End of Road	Battersea Road	Surface Treated	1000	2031	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 23,901.85
45955	Spooner Road	Perth Road 10	East End of Road	Surface Treated	550	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 16,090.73
45820	Sills Bay Road	Botting Road	North End of Road	Surface Treated	1700	2032	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 49,734.97
43480	Kingsmere Drive	Railton Road	North End of Road	Surface Treated	700	2032	67.66	15.4	4.3	Minor Rehabilitation Treatment	ST-SST	\$ 20,479.11
40615	Bradshaw Road	Road 38	Bob's Lake Road	Hot Mix Asphalt	900	2032	79.39	29	4.9	Routine Maintenance	HMA-Crack Seal	\$ 1,882.27
42370	Frontenac Road	Mount Chesney Road	Battersea Road	Surface Treated	500	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 13,408.94
41230	Centreville Road	Devil Lake Road	0.40km East of Devil Lake Road	Surface Treated	400	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 11,702.35
45580	Round Lake Road	3.40km East of Latimer Road	4.10km East of Latimer Road	Surface Treated	600	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 17,553.52
44320	McMahon Drive	Verona Sand Road	Bank Street	Hot Mix Asphalt	250	2032	69.34	20.8	5.3	Preventative Maintenance	HMA-Slurry	\$ 6,399.72
46405	Washburn Road	Battersea Road	Ida Hill Road	Surface Treated	2000	2032	60.46	29.6	10.9	Minor Rehabilitation Treatment	ST-SST	\$ 58,511.73
43870	Leveque Road	0.10km North of Bellrock Mill Street	Bellrock Pero Road	Surface Treated	1000	2032	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 29,255.87
43095	Holmes Road	Heska Crescent	Silverwood Drive	Surface Treated	600	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 17,553.52
44155	Mary Moore Road	2.07km North of Church Road (Bellrock)	3.17km North of Church Road (Bellrock)	Surface Treated	1100	2032	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 32,181.45
46510	Wellington Street	United Street	Milburn Road	Surface Treated	550	2032	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 16,090.73
40465	Bellrock Pepper Street	Bellrock Road	First Lake Road	Hot Mix Asphalt	100	2032	79.39	12.9	2.2	Routine Maintenance	HMA-Crack Seal	\$ 89.63
41035	Canoe Lake Road	1.3km North of Desert Lake Road	2.8km North of Desert Lake Road	Surface Treated	1500	2032	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 51,197.77
54335	Perth Road 10	3.90km North of Perth Road Crescent	4.10km North of Perth Road Crescent	Hot Mix Asphalt	200	2032	76.48	71	13.9	Preventative Maintenance	HMA-EnhSurf	\$ 7,679.66
44440	Morrison Road	West End of Road	Wilmer Road	Surface Treated	1200	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 32,181.45
46360	Walker Street	Verona Street	Road 38	Hot Mix Asphalt	50	2032	78.41	21.7	3.8	Routine Maintenance	HMA-Crack Seal	\$ 131.46
50625	Battersea Road	Burnt Hills Road	1.70km North of Burnt Hills Road	Surface Treated	1700	2032	70.1	49	12.2	Minor Rehabilitation Treatment	ST-SST	\$ 49,734.97
43255	Ida Hill Road	Sunbury Road	Milburn Road	Surface Treated	1900	2032	45.32	25.6	14.8	Major Rehabilitation Treatment	ST-FDR & DST	\$ 226,976.76
44925	Orser Road	1.20km East of Stage Coach Road	Sydenham Road	Hot Mix Asphalt	100	2032	72.03	32.1	7.4	Preventative Maintenance	HMA-Slurry	\$ 2,559.89
43075	Holmes Road	Heska Crescent	Heska Crescent	Surface Treated	1350	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 46,077.99
45550	Round Lake Road	1.20km East of Latimer Road	2.20km East of Latimer Road	Surface Treated	1000	2032	63.01	20	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 29,255.87
43735	Latimer Road	Davidson Road	1.70km West of Perth Road 10	Surface Treated	2900	2032	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 84,842.01
42955	Hogan Road	West End of Road	Wilmer Road	Surface Treated	1900	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 45,395.35
44965	Park Valley Road	South End of Road	Keeley Road	Surface Treated	450	2032	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 15,359.33
51920	Bellrock Road	Bellrock Mill Street	Long Swamp Road	Hot Mix Asphalt	2100	2032	83.77	71	9.6	Routine Maintenance	HMA-Crack Seal	\$ 6,274.24
43810	Leland Road	Perth Road 10	0.30km East of Perth Road 10	Surface Treated	300	2032	67.66	22.5	6.2	Minor Rehabilitation Treatment	ST-SST	\$ 8,776.76
41140	Carlton Drive	Road 38	Cemetery Road	Hot Mix Asphalt	450	2032	67	13.8	3.9	Preventative Maintenance	HMA-EnhSurf	\$ 14,810.78
40780	Burnett Road	South End of Road	Road 38	Surface Treated	300	2032	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 8,776.76
41065	Canoe Lake Road	Holsgrove Lane	James Wilson Road	Surface Treated	2300	2032	45.32	25.6	14.8	Major Rehabilitation Treatment	ST-FDR & DST	\$ 235,509.72
54790	Perth Road 10	McCormish Lane	0.85km North of McCormish Lane	Hot Mix Asphalt	850	2032	76.48	71	13.9	Routine Maintenance	HMA-Crack Seal	\$ 1,726.91
46705	Wilmer Road	Norway Road	0.05km West of Perth Road 10	Surface Treated	700	2032	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 17,065.92
53400	Harrowsmith Road	Road 38	0.45km East of Road 38	Hot Mix Asphalt	450	2032	82.6	87.5	12.6	Routine Maintenance	HMA-Crack Seal	\$ 900.80
42970	Holleford Road	Road 38	0.15km East of Road 38	Hot Mix Asphalt	150	2032	89.93	32.9	2.7	Routine Maintenance	HMA-Crack Seal	\$ 358.53
41440	Colebrook Road	3.80km East of Camden Portland Boundary Road	5.30km East of Camden Portland Boundary Road	Surface Treated	1500	2032	63.01	31.9	10.7	Minor Rehabilitation Treatment	ST-SST	\$ 47,540.78
42865	Hinchinbrooke Road	0.20km North of Road 38	0.29km North of Trousdale Road	Surface Treated	1000	2032	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 29,255.87
45475	River Road	West End of Road	Petworth Road	Surface Treated	250	2032	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 4,875.98
44845	Opivicon Road	Post Office Gate Lane	1.70km East of Post Office Gate Lane	Surface Treated	1700	2032	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 49,734.97
40495	Botting Road	Bedford Road	Sills Bay Road	Surface Treated	750	2032	63.01	25.6	8.6	Minor Rehabilitation Treatment	ST-SST	\$ 21,941.90
53530	Moreland Dixon Road	Perth Road 10	Battersea Road	Hot Mix Asphalt	4150	2032	55.8	71	30.3	Preventative Maintenance	HMA-Enh2Surf	\$ 245,732.51
43720	Latimer Road	Holmes Road	Davidson Road	Surface Treated	1400	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 40,958.21
44530	Murton Road	1.35km East of Road 38	Murvale Road	Surface Treated	900	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 28,524.47
46555	White Lake Road	West End of Road	Buck Bay Road	Surface Treated	1100	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 37,545.03
41200	Cemetery Road	Water Street	North End of Road	Hot Mix Asphalt	50	2032	83.45	12.9	1.7	Routine Maintenance	HMA-Crack Seal	\$ 74.69
43210	Horning Road	West End of Road	Sydenham Road	Surface Treated	1550	2032	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 45,346.59
54220	Perth Road 10	1.40km North of Perth Road Crescent	3.90km North of Perth Road Crescent	Hot Mix Asphalt	2500	2032	76.48	71	13.9	Routine Maintenance	HMA-Crack Seal	\$ 5,228.53
43825	Leland Road	0.30km East of Perth Road 10	1.60km East of Perth Road 10	Surface Treated	1300	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 38,032.63
46330	Verona Street	Verona Sand Road	North End of Road	Hot Mix Asphalt	900	2032	89.93	24.8	2	Routine Maintenance	HMA-Crack Seal	\$ 1,613.37
42055	Ellerbeck Road	Bradford Road	Petworth Road	Surface Treated	1500	2032	63.01	11.7	3.9	Minor Rehabilitation Treatment	ST-SST	\$ 32,912.85
42700	Greenfield Road	0.77km East of Perth Road 10	Duff Road	Surface Treated	830	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 24,282.37
55150	Road 38	Wilton Road 18	Harrowsmith Road	Hot Mix Asphalt	80	2032	52.34	98.3	46.2	Major Rehabilitation Treatment	HMA-FDR & 20Vly	\$ 108,868.39
40285	Bank Street	Road 38	Revell Road	Hot Mix Asphalt	400	2032	85.16	21.7	2.6	Routine Maintenance	HMA-Crack Seal	\$ 717.06
40690	Brewery Street	William Street	Sydenham Mill Street	Hot Mix Asphalt	200	2032	75.7	24.8	5	Routine Maintenance	HMA-Crack Seal	\$ 418.28
45250	Railton Road	0.55km East of Stage Coach Road	Sydenham Road	Surface Treated	1200	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 40,958.21
42115	Fellows Road	West End of Road	Murvale Road	Surface Treated	800	2032	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 15,603.13
45835	Silverwood Drive	Holmes Road	North End of Road	Surface Treated	950	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 27,793.07
45175	Quarry Road	0.40km North of Boyce Road	1.30km North of Boyce Road	Surface Treated	900	2032	63.01	9.6	3.2	Minor Rehabilitation Treatment	ST-SST	\$ 26,330.28
45385	Revell Road	Bank Street	North End of Road	Surface Treated	900	2032	60.46	18.3	6.7	Minor Rehabilitation Treatment	ST-SST	\$ 26,330.28
44020	Lower Round Lake Road	Round Lake Road	Ernie Road	Surface Treated	2100	2032	77.08	28.8	5.4	Routine Maintenance	ST-Slurry	\$ 57,973.94
46135	Sydenham Cross Street	Sydenham Mill Street	Wheatley Street	Hot Mix Asphalt	150	2032	73.05	21.7	4.8	Preventative Maintenance	HMA-EnhSurf	\$ 5,019.21
42880	Hinchinbrooke Road	0.29km North of Trousdale Road	0.99km North of Trousdale Road	Surface Treated	700	2032	63.01	20.6	6.9	Minor Rehabilitation Treatment	ST-SST	\$ 23,892.29
41365	Clearwater Road	Bedford Road	Botting Road	Surface Treated	500	2032	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 12,189.94
41260	Charlie Green Road	Little Long Lake Road	Norway Road	Surface Treated	2200	2032	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 64,362.91
43495	Kingston Road	Road 38	Harrowsmith Road	Hot Mix Asphalt	300	2032	89.93	27.9	2.3	Routine Maintenance	HMA-Crack Seal	\$ 627.42
41305	Church Street (Harrowsmith)	Road 38	East End of Road	Hot Mix Asphalt	200	2032	75.7	21.7	4.3	Routine Maintenance	HMA-Crack Seal	\$ 418.28
46030	Steele Road	South End of Road	Bradshaw Road	Surface Treated	2200	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 53,635.75
45640	Salmon Lake Road	Bedford Road	North End of Road	Surface Treated	2100	2032	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 61,437.32
43060	Holleford Road	Deer Park Lane	Desert Lake Road	Surface Treated	2700	2032	77.08	25.6	4.8	Routine Maintenance	ST-Slurry	\$ 79,055.37
42685	Greenfield Road	Perth Road 10	0.77km East of Perth Road 10	Surface Treated	770	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 22,527.02
41380	Cliffside Drive	Railton Road	North End of Road	Surface Treated	800	2032	63.01	17.5	5.9	Minor Rehabilitation Treatment	ST-SST	\$ 24,965.01
45145	Princess Road	0.15km West of Battersea Road	Battersea Road	Hot Mix Asphalt	150	2032	69.34	24	6.1	Preventative Maintenance	HMA-Slurry	\$ 4,479.80
45595	Round Lake Road	Battersea Road	Battersea Road	Surface Treated	2200	2032	63.01	28.8	9.6	Minor Rehabilitation Treatment	ST-SST	\$ 64,362.91
40135	Arena Boundary Road	Second Lake Road	Snider Road	Surface Treated	800	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment		

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Asset ID	Name	Start Position	End Position	Surface Type	Length (m)	Intervention Year	Condition	Criticality	Risk	Treatment Type	Applied Treatment	Budgeted Cost
45730	Sarah Street	Water Street	Battersea Road	Hot Mix Asphalt	200	2032	69.34	20.8	5.3	Preventative Maintenance	HMA-Slurry	\$ 5,973.07
44980	Percy Street	Bellrock Road	Bellrock Mill Street	Hot Mix Asphalt	250	2032	79.39	20.8	3.5	Routine Maintenance	HMA-Crack Seal	\$ 224.08
45655	Verona Sand Road	West End of Road	Cross Road	Surface Treated	2200	2032	63.01	20.4	6.8	Minor Rehabilitation Treatment	ST-SST	\$ 53,635.75
43390	Keeley Road	Park Valley Road	Rutledge Road	Surface Treated	2200	2032	63.01	22.5	7.5	Minor Rehabilitation Treatment	ST-SST	\$ 64,362.91
42145	First Lake Road	Bellrock Mill Street	0.70km North of Bellrock Mill Street	Surface Treated	700	2032	67.66	25.6	7.1	Minor Rehabilitation Treatment	ST-SST	\$ 17,065.92
56980	Sunbury Road	Brewer Lake Road	1.30km East of Brewer Lake Road	Surface Treated	1300	2032	70.1	67.7	16.8	Minor Rehabilitation Treatment	ST-SST	\$ 44,371.40

APPENDIX I

Gravel Roads Policy

THE CORPORATION OF THE TOWN OF NEW TECUMSETH

CORPORATE POLICY

Policy Title: Gravel Roads Upgrade Policy

Policy No. : ID-001-2019

Name of Dept: Infrastructure and Development Division

Approval Date: April 1, 2019

Motion No.: 2019-89

1. POLICY STATEMENT:

1.1 The Town of New Tecumseth (hereafter the “Town”), is committed to promoting public safety and providing adequate transportation network for its residents. The Town’s Official Plan identifies that all infrastructure, including roads, meet the needs of present and future residents and businesses in an efficient, environmentally-sensitive, cost effective and timely manner. By establishing a streamlined process by which Gravel Roads are identified as priority and upgraded, the Town is fulfilling an important part of this goal.

2. PURPOSE:

2.1 The purpose of this Policy is to enable the Town staff in providing a consistent process in identifying the Gravel Roads which need to be upgraded and contribute to the continuous improvement of operations.

3. SCOPE:

3.1 This Policy applies to all Gravel Roads assumed and maintained under the jurisdiction of the Town of New Tecumseth.

3.2 It is a resource which can be referred to and utilized as guiding principles to:

- Providing a proactive and streamlined approach to identifying Gravel Roads which need to be upgraded;
- Improving delivery of services; and
- Adopting procedures to maximize the available funds for the betterment of the Town and its residents.

4. DEFINITIONS:

Average Annual Daily Traffic (AADT) means the average twenty-four hour, two way traffic taken over a minimum of three-day period under normal conditions.

Gravel Road(s) means a road surface that is not paved or surface treated.

Paved Surface(s) means a surface with a wearing layer or layers of asphalt, concrete or asphalt emulsion.

Platform Surface Width means the horizontal distance measured from top of ditch slope on one side of the road to the top of ditch slope on the opposite side.

Policy means this Gravel Roads Upgrade Policy.

Priority Index (PI) means the classification determined by the considerations under Section 5.2. The index classifies upgrading Gravel Roads as high, medium or low priority.

Highway Classification means the class based on speed limit and average daily traffic counts, in accordance with the Minimum Maintenance Standards for Municipal Highways (239/02), as amended under the *Municipal Act, 2001*, as amended.

Roadway means the roadway as defined in subsection 1 (1) of the *Highway Traffic Act, 1990*, as amended.

5. POLICY:

5.1. The Town may upgrade Gravel Road based on the following considerations:

- a) Priority - Where the Gravel Road has been allotted as high priority, as determined in accordance with Section 5.2 of this Policy.
- b) Financial - Where an analysis of the capital costs, operational costs and the life cycle cost indicate a savings to the Town or where there is a significant saving to the Town by combining/splitting the upgrading of adjacent Roadways.
- c) Condition, Structure and Drainage – Where the Roadway has been determined to have sufficient structure and adequate drainage to support the increased traffic flow.
- d) Platform Surface Width – Where the Roadway meets the minimum Surface Platform Width standards for Paved Roads in accordance with the Ministry of Transportation Ontario's Geometric Design Standards.

- e) Horizontal and Vertical Alignment – Where the existing horizontal and vertical alignment of Roadway is compatible with the posted speed limit.
- f) Traffic – Where the Gravel Road meets the minimum vehicular volume of 150 AADT and the functional Highway Classification of the Roadway based on its use and purpose. Appendix A shows a map of all Town Gravel Roads and their respective AADT value.
- g) Truck volume – Where the Roadway is experiencing high truck volumes. Truck volumes typically range from a low of 3% on low volume residential streets to a high of 15% or more on arterials and collector roads.
- h) Risk Management - Where the non-standard conditions of the Roadway is correctable by upgrading to a surface treated road or paved surface and upgrading is determined to reduce liability issues.
- i) Operational benefits – Where there is a benefit by the reduction of operational and seasonal maintenance activities.
- j) Where the Roadway is included in a capital improvement plan.
- k) Where high number of concerns and complaints from the members of public.

5.2. Gravel Roads are identified and prioritized using the calculation below.

- a) The following the formula to calculate the Priority Index

$$PI = TF + FC + MF + DW$$

Where,

PI = Priority Index

TF = Traffic Factor

FC = Functional Classification Factor (Add 2 points for school route)

MF= Maintenance Factor (Add 5 points for Roadways requiring additional maintenance)

DW = Driveway Factor

- b) The Priority Index determines priority classification.

Priority Index (PI)	
0-9	Low
10-19	Medium
20 and over	High

c) The Traffic Factor is determined by AADT.

AADT Range	Traffic Factor (TF)
0-60	0
61-100	2
101-200	4
201-300	6
301-400	8
401 and over	10

d) The Function Classification Factor (FC) is determined by average number of trucks.

Classification	Average Truck Criteria	FC Points Rating	Average Heavy Truck Criteria	FC Points Rating
Heavy Truck Traffic	20 or more	3	10 or more	3
Moderate Truck Traffic	10-19	2	6-9	2
Light Truck Traffic	5-9	1	3-5	1
Very Light Truck Traffic	0-4	0	0-2	0

e) Each Gravel Road rated by the Department of Public Works as requiring additional maintenance is given an additional 5 points. Additional maintenance is any work that exceeds the following routine maintenance:

Routine Maintenance	Frequency
Regrade & reshape roads	once every spring and every fall
Dust suppressant	once a year
Winter maintenance grading	Twice a season
New gravel addition	Once every three years

f) The Driveway Factor (DW) is determined by the number of commercial or residential driveways abutting the subject Roadway.

Number of driveways	Driveway Factor (DW)
0-3	0
4-6	2
7-9	4
10 and over	6

- g) Despite given a priority rating under this section of the Policy, not all Gravel Roads will be considered for upgrading, unless other conditions as determined in accordance with Section 5.1 of this Policy are considered.

5.3 All Gravel Roads within the Town shall be reviewed and prioritized concurrently with the Town’s Road Needs Study update.

5.4. The Town will review options of costs and life cycle of each upgrade. The following are alternate surface improvements to upgrading Gravel Roads and their respective life cycle:

Type of Treatment	Life cycle
Surface Treatment	Approximately 5-7years
Asphalt Paving	Approximately 7-10years

5.5. Upgrading Gravel Roads shall be subject to funding availability.

6 IMPLEMENTATION:

6.1. The Director of Public Works is responsible for ensuring the application and the implementation of this Policy.

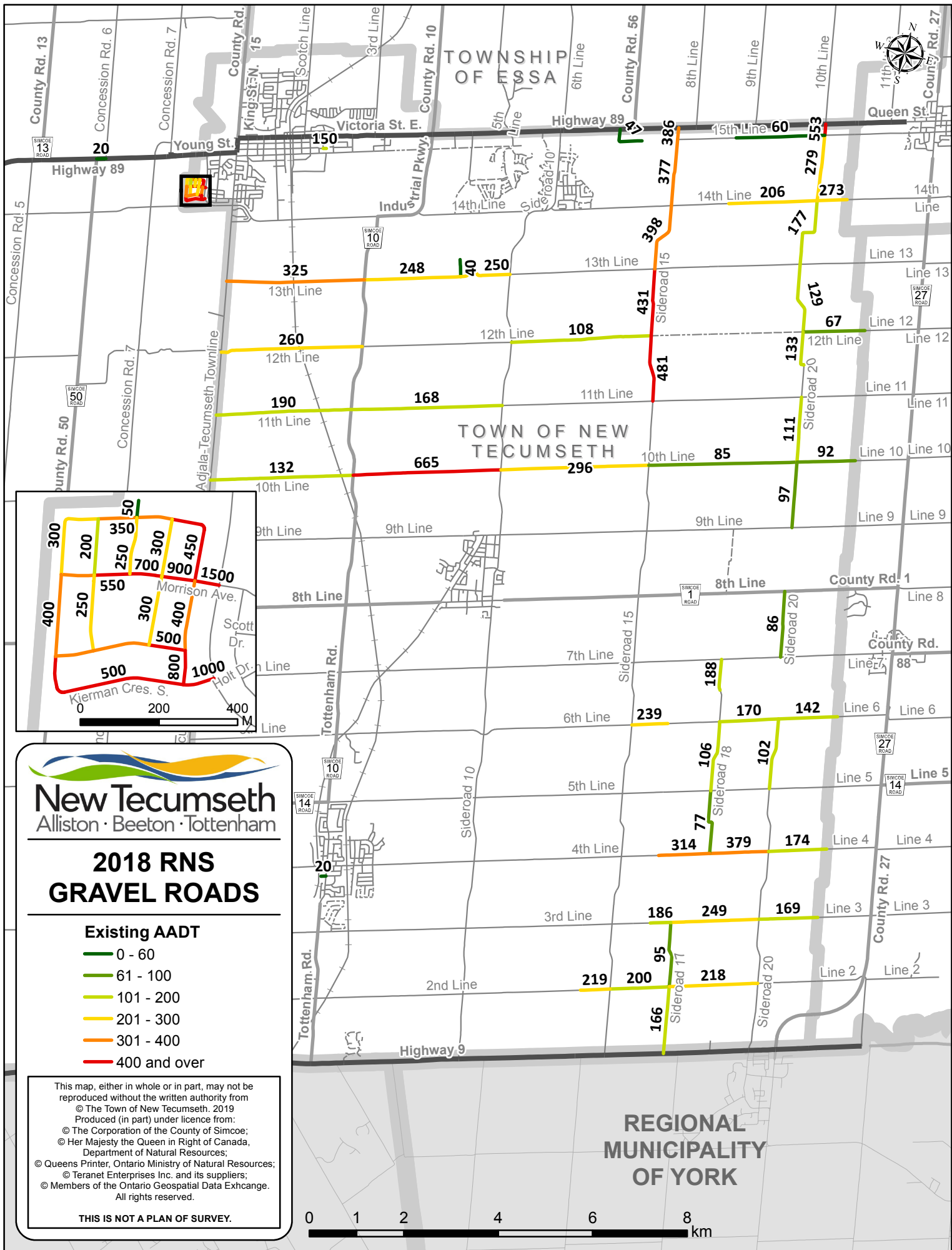
6.2. The General Manager, Infrastructure and Development is authorized to make routine updates and revisions to this Policy as required.

APPENDICES

Appendix A - Town Gravel Roads and AADT

RELATED DOCUMENTS:

- Minimum Maintenance Standards for Municipal Highways (239/02), as amended under the *Municipal Act, 2001*, as amended
- *Highway Traffic Act, 1990*, as amended
- Town of New Tecumseth Official Plan, as amended
- Town of New Tecumseth Road Needs Study, as amended



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**2018 RNS
GRAVEL ROADS**

Existing AADT

- 0 - 60
- 61 - 100
- 101 - 200
- 201 - 300
- 301 - 400
- 400 and over

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